XR-6380/6387

SERVICE MANUAL

US Model
XR-6380/6387

Canadian Model
XR-6380

Photo: XR-6380

SPECIFICATIONS

Model Name Using Similar Mechanism	KR-6200
Tape Transport Mechanism Type	MG-36AHJ-32

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION

12 watts per channel minimum continuous average power into 4 ohms, 4 channels driven, from 20 to 20,000 Hz with no more than 1% total harmonic distortion.

Other Specifications

Power amplifier section

Outputs	Speaker outputs (sure seal connectors)
Speaker impedance	4–8 ohms
Maximum power output	25 W × 4 (at 4 ohms)*

* Measured at 14.4 V

Cassette player section

Tape track	4-track 2-channel stereo
Frequency response	40–14,000 Hz
Signal-to-noise ratio (Dolby NR off)	53 dB with TYPE I cassettes 57 dB with TYPE II, IV cassettes
Wow and flutter	0.15% (WRMS)

Tuner section
FM

Tuning range	87.9–107.9 MHz
Antenna terminal	External antenna connector/Power antenna relay control lead
Usable sensitivity	12.5 dBf (75 ohms)
Selectivity	more than 75 dB at 400 kHz
Signal-to-noise ratio	62 dB (stereo), 67 dB (monaural)
Harmonic distortion at 1 kHz	0.8% (stereo), 0.5% (monaural)
Separation	32 dB at 1 kHz
Frequency response	30–15,000 Hz (±3 dB)
Capture ratio	2.5 dB

AM

Tuning range	530–1710 kHz
Antenna terminal	External antenna connector/Power antenna relay control lead
Sensitivity	32 μV

General

Output lead: XR-6387	Power antenna relay control lead
Tone controls	Bass ±8 dB at 100 Hz Treble ±8 dB at 10 kHz
Output connector	Graphic equalizer input/output cords (LINE IN, LINE OUT)
Power requirements	12 V DC car battery (negative ground)
Mounting dimensions	178 × 50 × 145 mm (w/h/d) (7⅛ × 2 × 5¾ inches)
Weight	1.5 kg (3 lb 5 oz)
Accessories supplied	Mounting hardware (1 set)

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使用時は添付資料も参照のこと
Refer to the additional documents.

FM/AM CASSETTE CAR STEREO

SONY®

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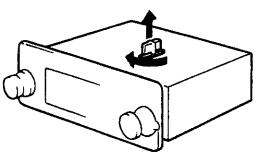
SECTION 1 GENERAL

Basic Installation

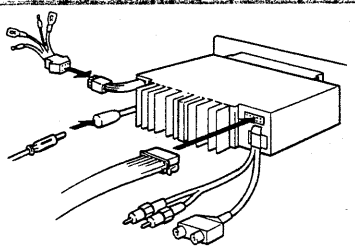
Use the mounting hardware supplied with the unit.

Remove the transit lock.

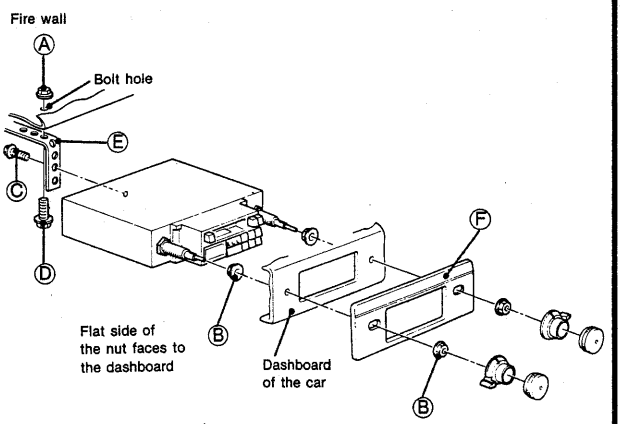


Turn 90° and then pull it out.

Attach the cords.

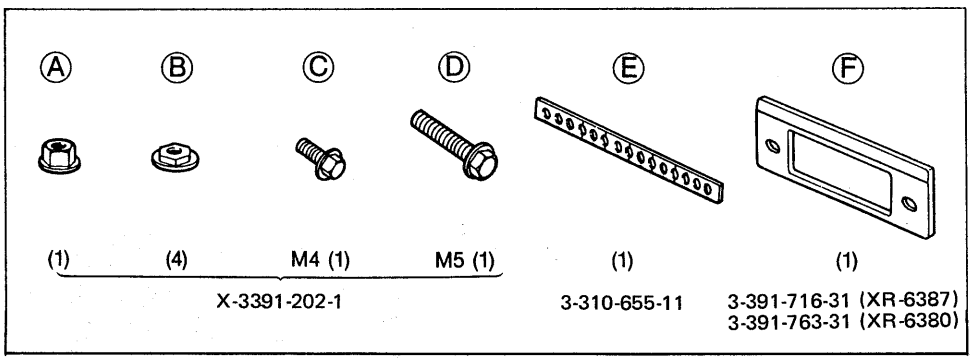


Mount the unit.

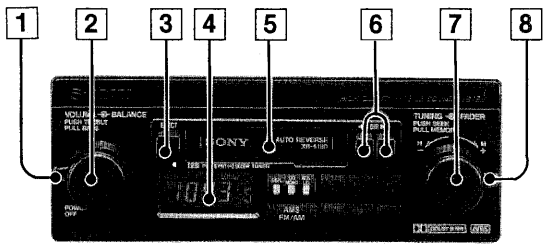


Supplied Mounting Hardware

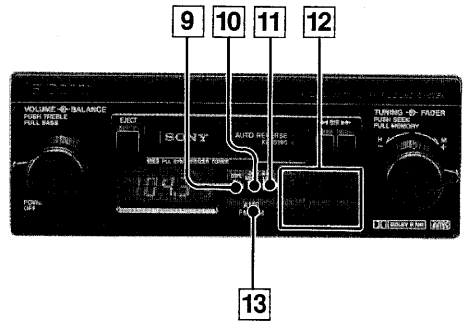
The letters in the list are keyed to those in the instructions.



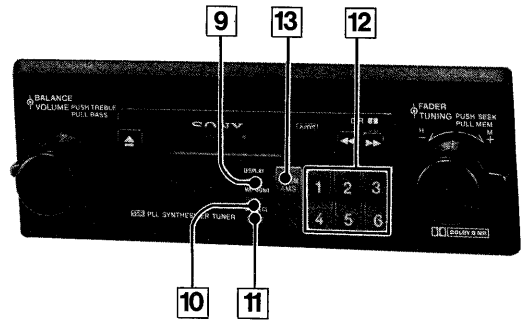
Location and Function of Controls



XR-6380



XR-6387



	XR-6380	XR-6387
3	EJECT buton	▲ button
7	MEMORY knob	MEM knob
9	DSPL button	DISPLAY button

1 BALANCE control
Turn to adjust balance of the left and right channel outputs.

2 POWER ON/OFF switch/VOLUME/PUSH TREBLE/PULL BASS control

POWER ON/OFF switch	Turn clockwise to turn on the unit and then for more volume.
VOLUME control	
TREBLE control	Press and turn to adjust treble.
BASS control	Pull and turn to adjust bass.

• **3 EJECT button**
Press to stop the tape and take out the cassette.

4 Display window

5 Cassette insertion door

6 ◀◀/▶▶ (fast winding) buttons/DIR (tape transport direction) buttons
During playback, depress ◀◀ or ▶▶ for fast winding and press both ◀◀ and ▶▶ simultaneously to listen to the other side of the cassette.

• **7 TUNING knob/PUSH SEEK button/PULL MEMORY knob**

TUNING knob	Turn to manually tune in the desired station.
SEEK button	Press for automatic tuning.
MEMORY knob	Pull to memorize the frequency of the station being received.

Use this knob also for clock setting.

8 FADER control
Turn clockwise to decrease the volume of the front speakers or counterclockwise to decrease the volume of the rear speakers.

• **9 DSPL (display) button**
Press to display the time indication during radio reception.

10 NR/MONO (Dolby noise reduction*/monaural) button

Operation mode	How to use
Tape playback	Press to activate Dolby NR system. To deactivate, press it again.
Radio reception	Press to reduce noise during reception of a weak FM stereo program. The sound will be monaural instead. To listen in stereo, press it again.

11 MTL/LCL (metal/local) button

Operation mode	How to use
Tape playback	Press when listening to CrO_2 (TYPE II) or metal (TYPE IV) tapes. When listening to normal (TYPE I) tapes, press it again.
Radio reception	Press to eliminate interference from adjacent stations during reception of a comparatively strong station. To go back to the normal receiving sensitivity, press it again.

12 Preset number buttons

13 AMS (Automatic Music Sensor)/FM/AM (band select) button

Operation mode	How to use
Tape playback	Press to locate the beginning of the next selection or the selection being played.
Radio reception	Press to select the desired band.

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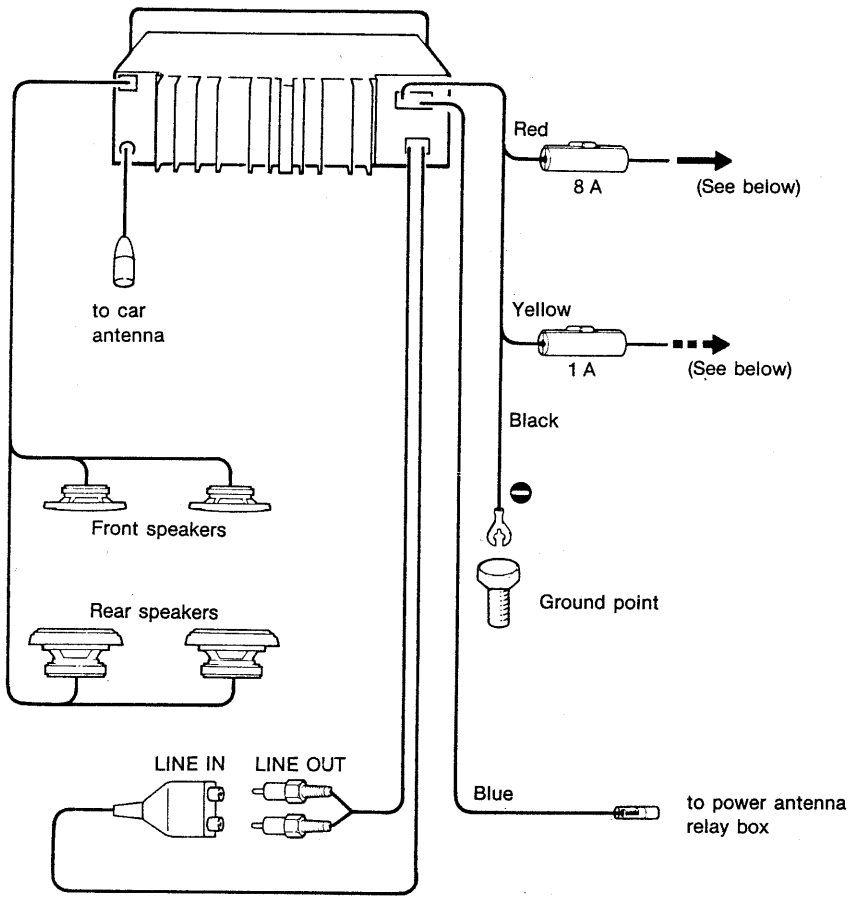
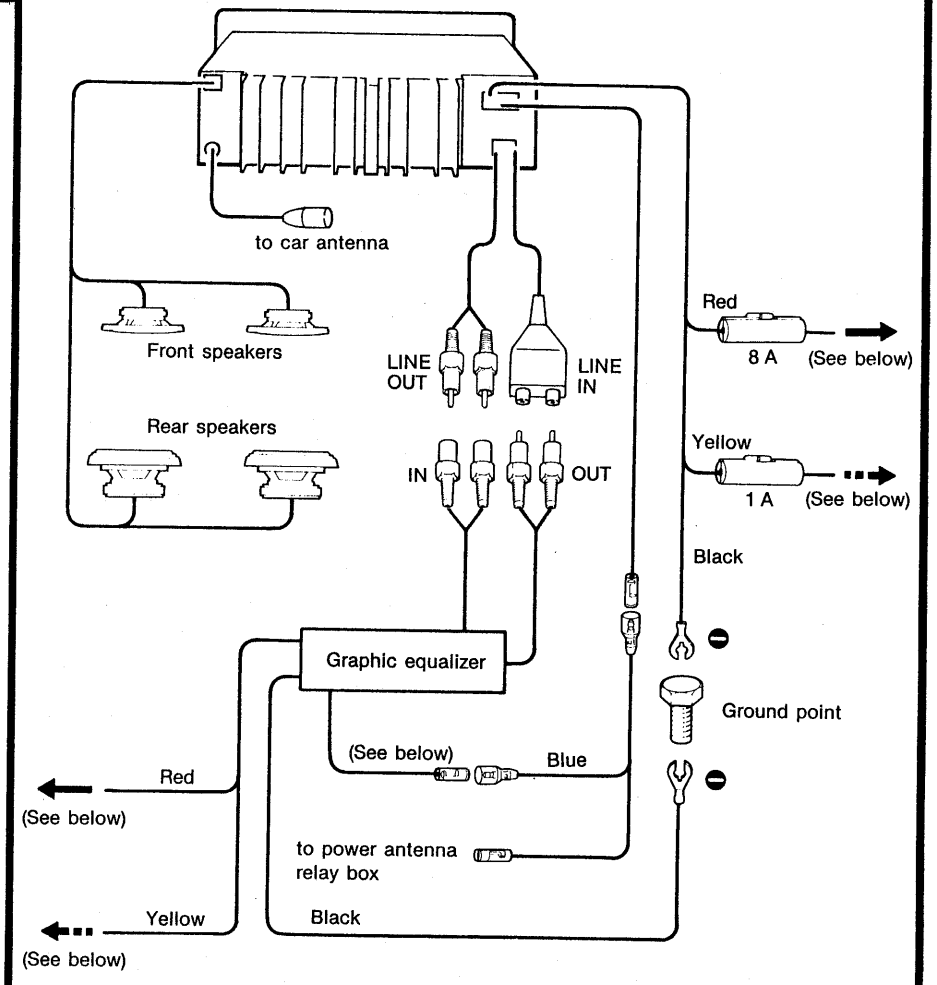
Connection Diagram

4-speaker connection



4-speaker connection with a graphic equalizer



Destination

➡ To the ⊕ 12 V power terminal which is energized with the ignition key in the accessory position.

➡ To the ⊕ 12 V terminal which is energized at all times.

Cord color

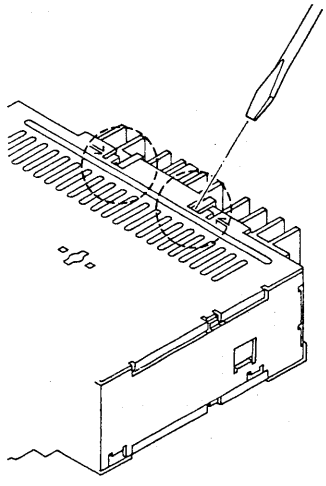
Red	Power input lead
Yellow	Power input lead
Blue	Power antenna relay control lead
Black	Ground wire

SECTION 2
DISASSEMBLY

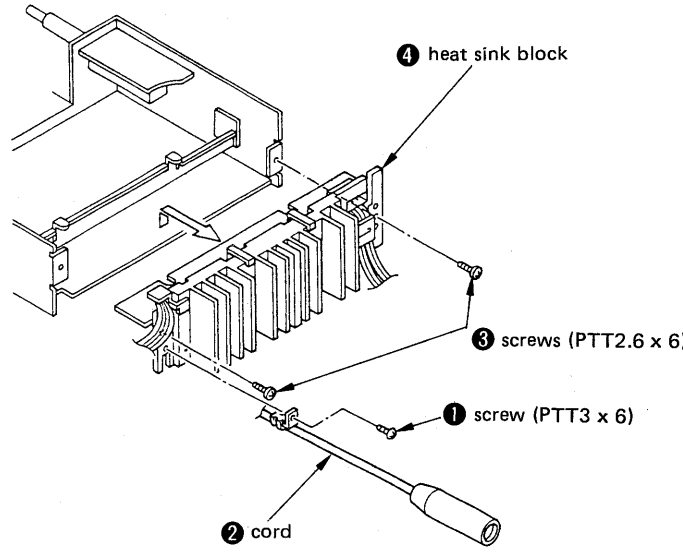
Note: Follow the disassembly procedure in the numerical order given.

COVER REMOVAL

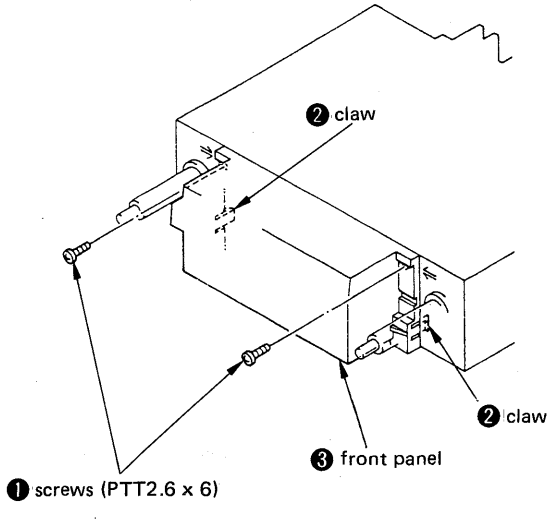
Remove the upper cover by inserting such as screw drivers in two portions as following figure. (Similarly the lower cover.)



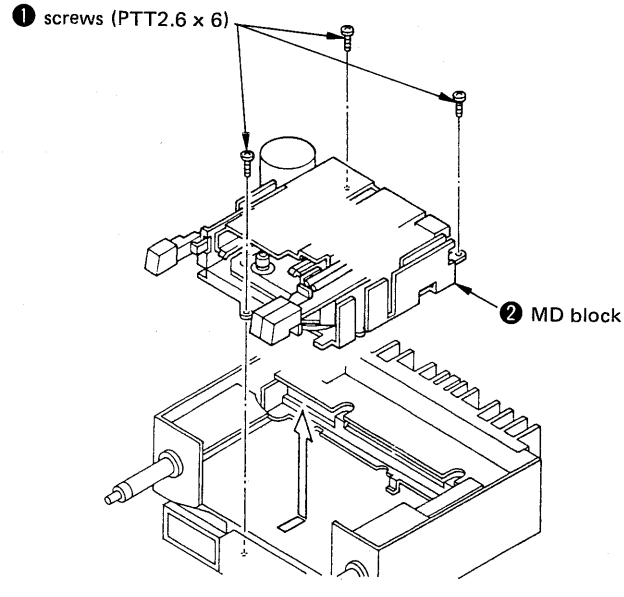
HEAT SINK BLOCK REMOVAL



FRONT PANEL REMOVAL



MD BLOCK REMOVAL



SECTION 3
ADJUSTMENTS

3-1. MECHANICAL ADJUSTMENT

No mechanical adjustments applied to this unit.

Torque Measurement

	Torque meter	Meter reading
FWD	CQ-102C	40 – 75 g•cm (0.55 – 1.040 oz•inch)
FF/REW	CQ-201B	More than 60 g•cm (More than 0.83 oz•inch)

3-2. ELECTRICAL ADJUSTMENTS

- Switches and controls should be set as follows unless otherwise specified.
  VOLUME control: mechanical center
  BALANCE control: center click
  FADER control: center click

TAPE SECTION

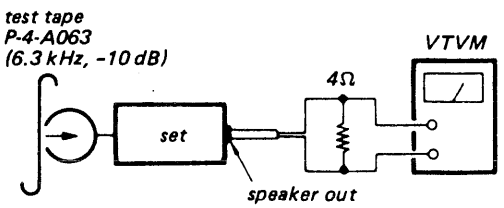
Playback Head Azimuth Adjustment

Setting:

MTL switch: LCL

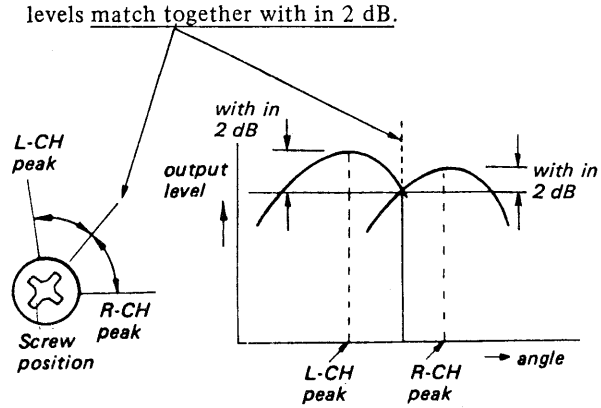
Procedure:

1. Mode: forward playback

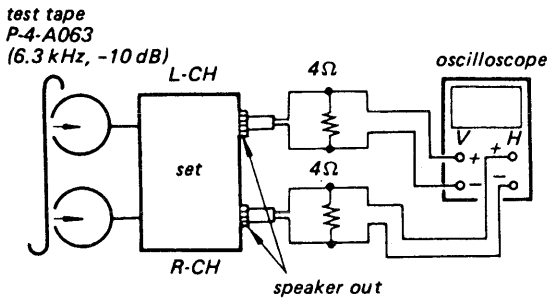


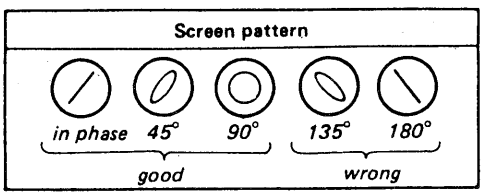
Adjust for forward (▶) direction and reverse (◀) direction.

2. Turn the adjustment screw for the maximum output levels. If these levels do not match, turn the adjustment screw until both of output levels match together with in 2 dB.



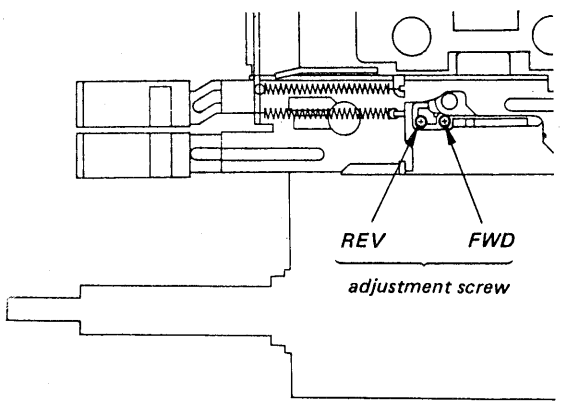
3. Phase Check
   Confirm that phase difference between L-channel and R-channel is within 90°.





4. Perform steps 1-3 in reverse playback mode, and adjust the adjustment screw until output level of both forward and reverse playback modes matches together.
5. After the adjustment, lock the screws with locking compound.

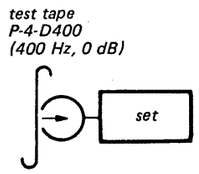
Adjustment Location:



TAPE SECTION

Dolby Level Adjustment

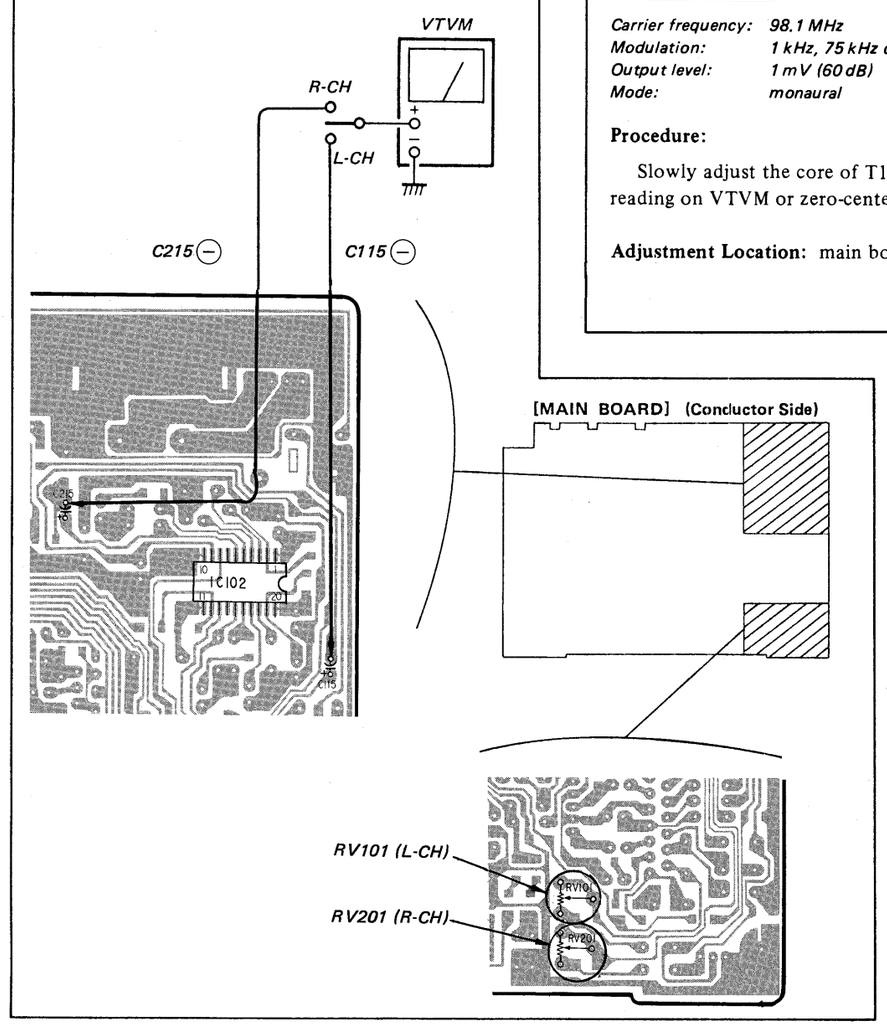
Setting:



Procedure:

Adjust RV101 (L-CH) and RV201 (R-CH) to obtain 0.45 V (−4.7 dB) reading on VTVM.

Adjustment Location: main board



FM SECTION

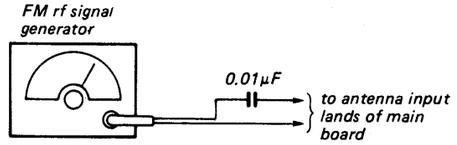
The FM front-end is carefully adjusted at the factory and is supplied as one whole block for replacement.

FM Discriminator Alignment

Setup:

Note: center-zero meter should be of high input impedance type.

BAND: FM MONO
Frequency: 98.1 MHz



Carrier frequency: 98.1 MHz
Modulation: 1 kHz, 75 kHz deviation (100%)
Output level: 1 mV (60 dB)
Mode: monaural

Procedure:

Slowly adjust the core of T1 to obtain a zero (0) V reading on VTVM or zero-center d-c voltmeter.

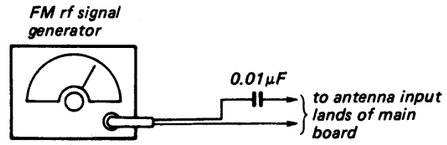
Adjustment Location: main board

FM Auto-scan Stop Level Adjustment

Note: Be sure to perform this adjustment before "AM Auto-scan Stop Level Adjustment".

Setup:

BAND: FM MONO
Frequency: 98.1 MHz



Carrier frequency: 98.1 MHz
Mode: monaural, no modulation
Output level: 14 μV (23 dB)

Procedure:

1. Adjust RV1 at the point where voltage reading suddenly changes.
2. Change the FM rf signal generator output and confirm that the point where voltage reading suddenly changes is 19 ±5 dB (14 dB to 24 dB).

Adjustment Location: main board

AM SECTION

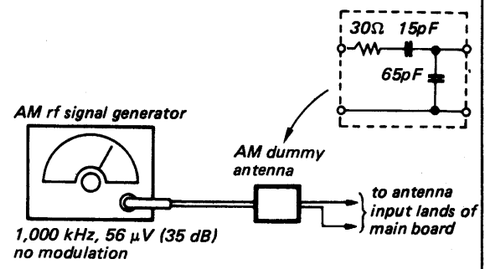
The AM tuner unit is carefully adjusted at the factory and is supplied as one whole block for replacement.

AM Auto-scan Stop Level Adjustment

Note: Be sure to perform this adjustment after "FM Auto-scan Stop Adjustment".

Setup:

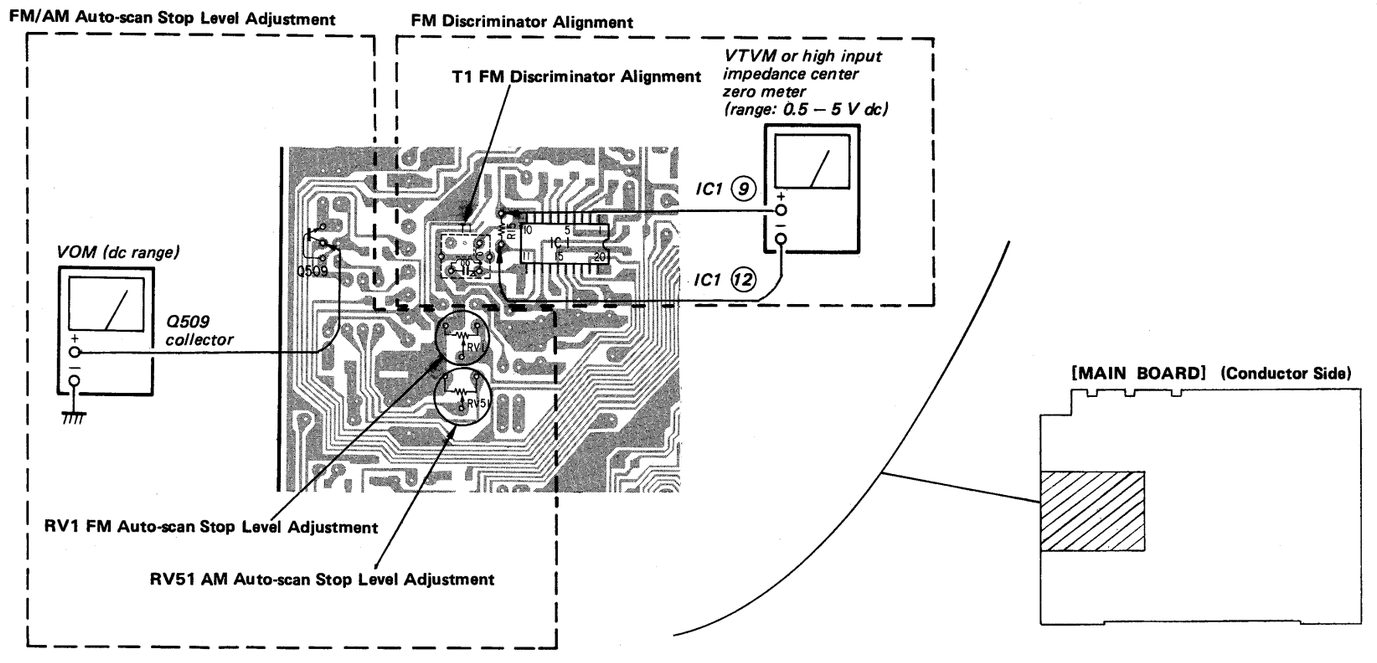
BAND: AM
Frequency: 1,000 kHz



Procedure:

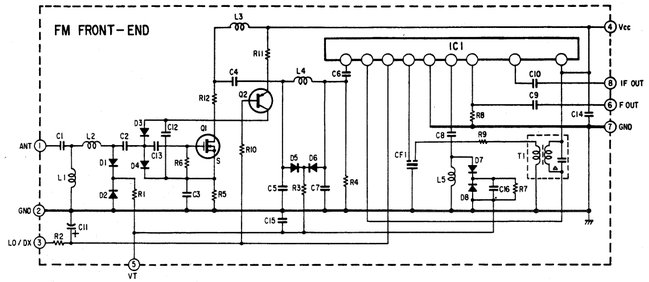
1. Adjust RV51 at the point where voltage reading suddenly changes.
2. Change the AM rf signal generator output and confirm that the point where voltage reading suddenly changes is 38 ±7 dB (31 dB to 45 dB).

Adjustment Location: main board

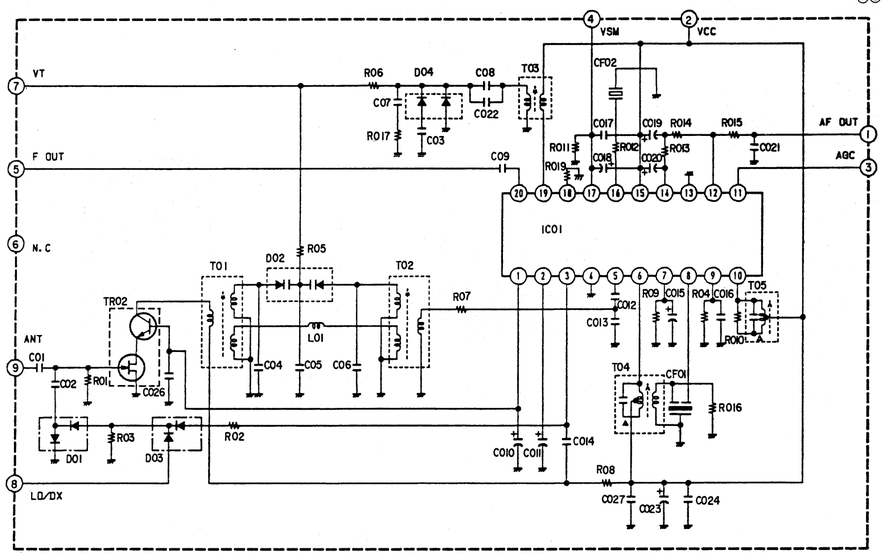


SECTION 4
DIAGRAMS

4-1. FE1 FM FRONT-END SCHEMATIC DIAGRAM

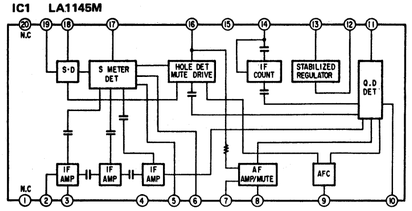


4-2. TU1 AM TUNER UNIT SCHEMATIC DIAGRAM

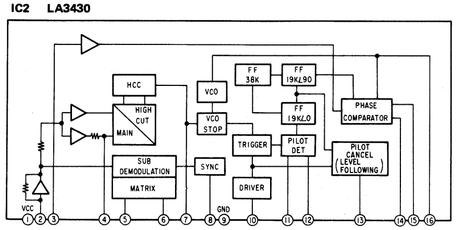


4-3. IC BLOCK DIAGRAMS

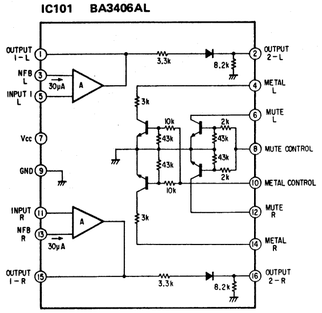
IC1 LA1145M



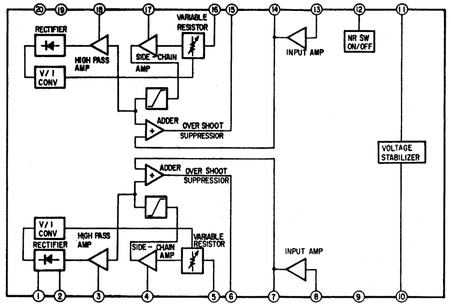
IC2 LA3430



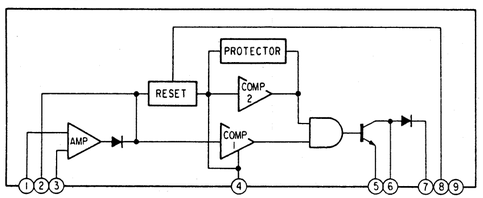
IC101 BA3406AL



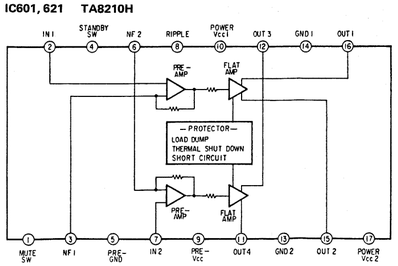
IC102 μPC1284G



IC401 LA2010



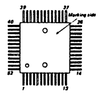
IC601, 621 TA8210H



● Semiconductor Lead Layouts

BA3406AL

μPD1708AG-809-00



2SK184-GR

LA2010

DTA114ES
DTA114TS
DTA144ES
DTC114ES
DTC124ES
DTC144WS

BG3822K-104

LA3430

DSA1A2

TA8210H

DTA143XS
DTC114TS
2SA1150
2SC2785

ERD31-04

2SA733-K

LTZ-R15

2SC3851

RD10ES-B2
RD16ES-B1
RD3.9ES-B2
RD6.2ES-B1
RD9.1ES-B2
1SS119

2SD1802

4-4. PRINTED WIRING BOARDS

● See page 11 for Semiconductor Lead Layouts.

Note on Mounting Diagram:

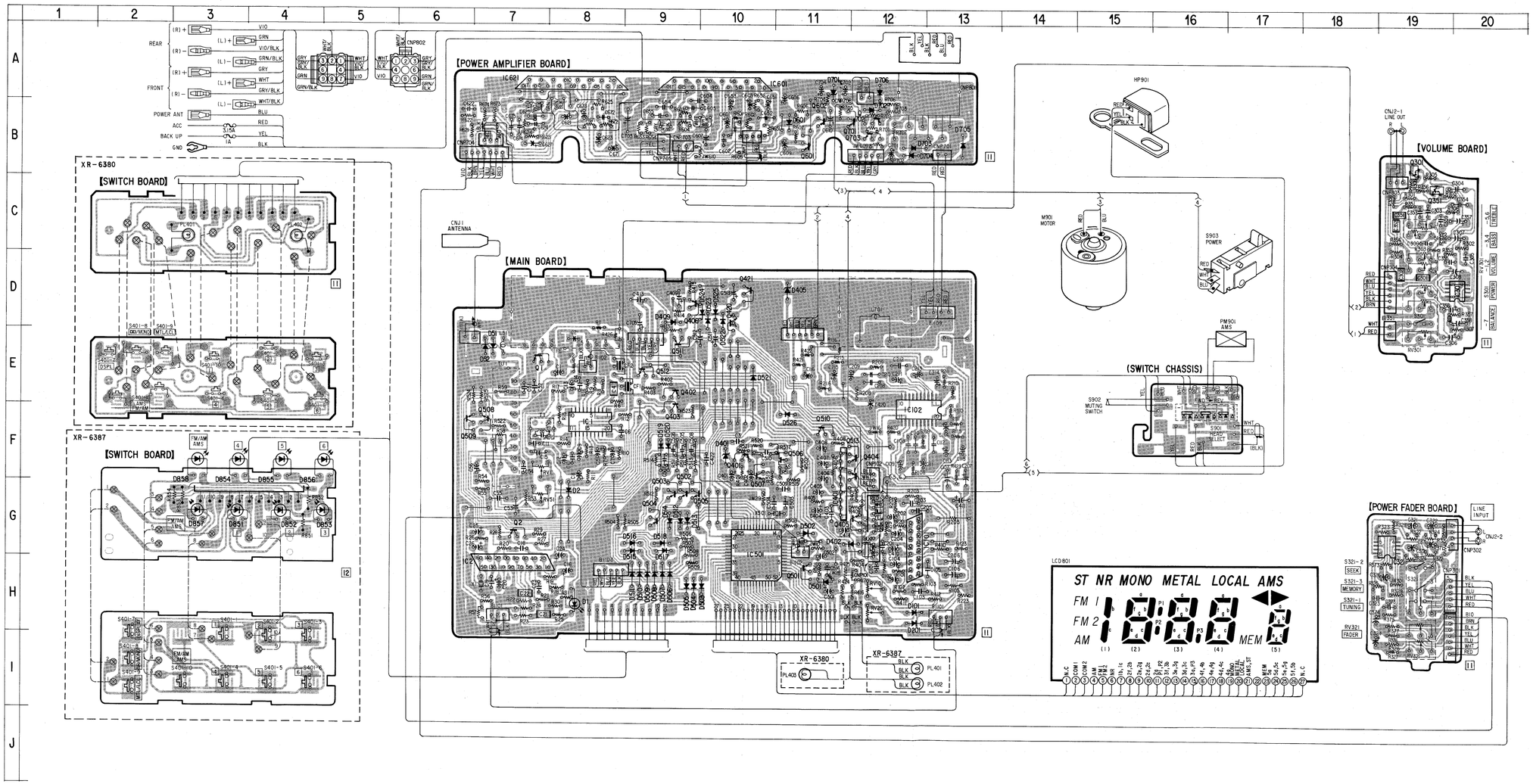
- ○—— : parts extracted from the component side.
- ⊗ : Through hole.
- ▒▒ : Carbon pattern.

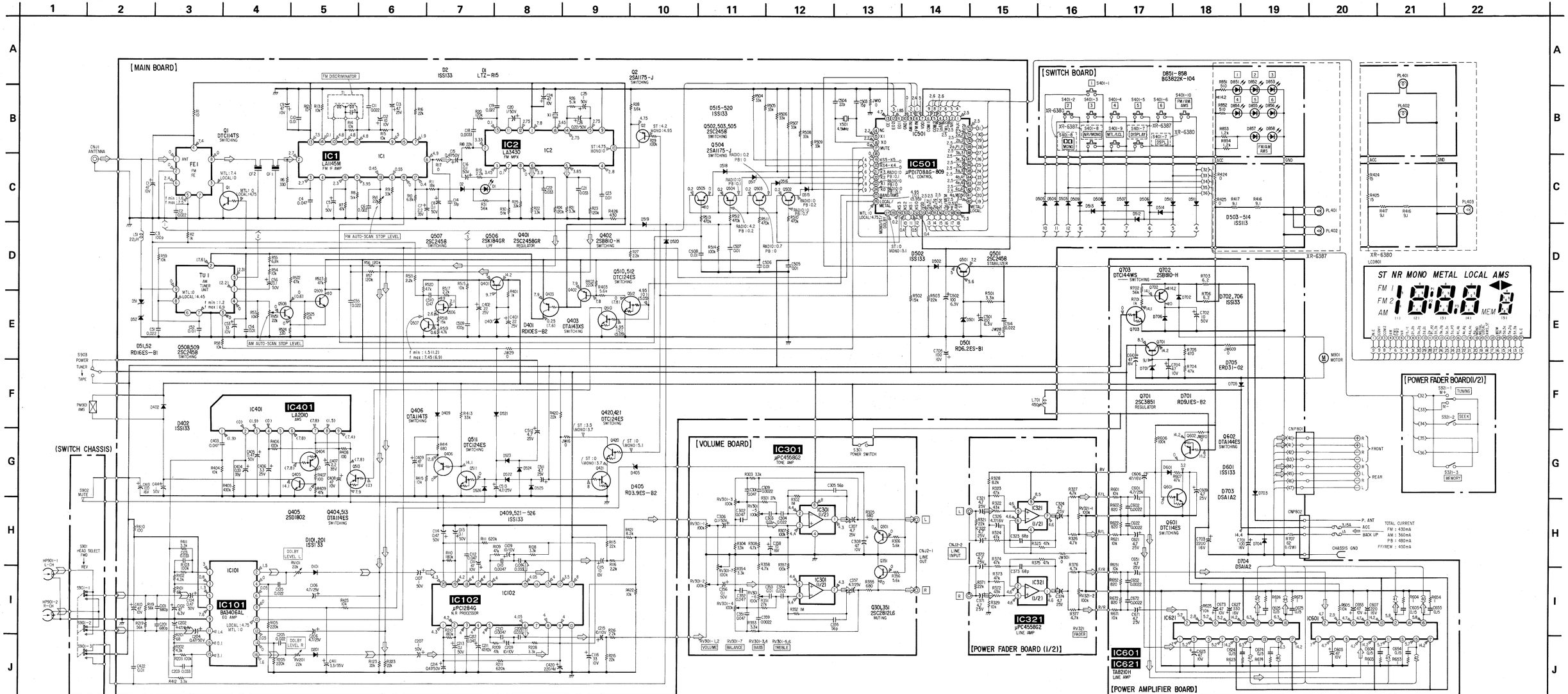
Note on Schematic Diagram:

- All capacitors are in μF unless otherwise noted. pF: μμF
  50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and ¼W or less unless otherwise specified.
- △ : internal component.
- ▬▬ : B+ Line
- ▭ : adjustment for repair.
- Power voltage is dc 14.4 V and fed with regurated dc power supply from external power voltage jack.
- Voltage and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark: FM or FWD
  ( ): AM
  < >: AMS
- Voltages are taken with a VOM (50 kΩ/V).
  Voltage variations may be noted due to normal production tolerances.
- Signal path.
  ⇨ : FM ⇨ : PB

● SEMICONDUCTOR LOCATION

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D1	H-8	D522	D-10	Q1	E-7
D2	G-8	D523	D-10	Q2	G-7
D51	E-7	D524	D-10	Q301	B-19
D52	E-7	D525	D-10	Q351	C-19
D101	H-12	D526	F-11	Q401	F-10
D201	H-12	D601	B-11	Q402	E-9
D401	F-10	D701	A-11	Q403	F-9
D402	G-12	D702	B-12	Q404	F-12
D405	D-11	D703	B-12	Q405	G-12
D409	D-9	D704	B-12	Q406	D-9
D501	H-11	D705	B-13	Q420	D-10
D502	G-11	D706	A-12	Q421	D-10
D503	H-10	D851	G-3	Q501	H-11
D504	H-9	D852	G-4	Q502	G-9
D505	H-9	D853	G-4	Q503	G-9
D506	H-9	D854	F-3	Q504	G-9
D507	H-9	D855	F-4	Q505	G-9
D508	H-9	D856	F-5	Q506	F-11
D509	H-9	D857	G-3	Q507	F-10
D510	H-9	D858	F-3	Q508	F-7
D511	H-9			Q509	F-6
D512	G-9	IC1	F-8	Q510	F-11
D513	G-9	IC2	H-7	Q511	E-9
D514	G-9	IC101	G-12	Q512	E-9
D515	G-9	IC102	E-12	Q513	F-12
D516	G-9	IC301	D-20	Q601	B-11
D517	G-9	IC321	G-19	Q602	B-11
D518	G-9	IC401	G-11	Q701	B-12
D519	F-9	IC501	G-10	Q702	B-11
D520	F-9	IC601	A-9	Q703	B-12
D521	E-10	IC621	A-8		



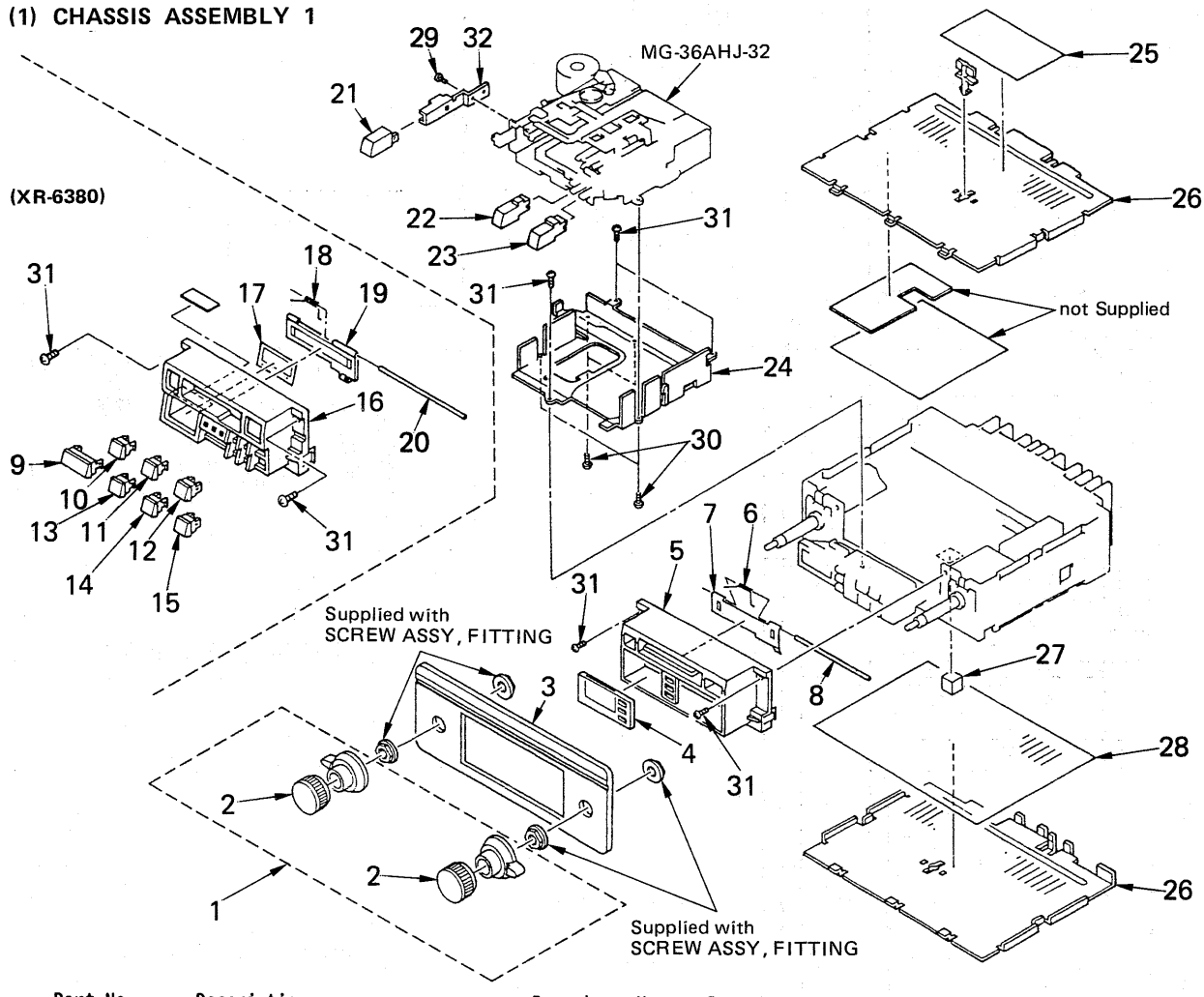

[MAIN BOARD]
[SWITCH BOARD]
[SWITCH CHASSIS]
[VOLUME BOARD]
[POWER FADER BOARD (I/2)]
[POWER FADER BOARD(I/2)]
[POWER AMPLIFIER BOARD]
XR-6380
XR-6387
LCD801
ST NR MONO METAL LOCAL AMS
FM
AM
MEM
IC1
IC2
IC101
IC102
IC301
IC321
IC401
IC501
IC601
IC621
Q1
Q2
TU1
FE1
CNJ1
ANTENNA
FM DISCRIMINATOR
FM AUTO-SCAN STOP LEVEL
AM AUTO-SCAN STOP LEVEL
S903 POWER
TUNER
TAPE
PHONES
S902 MUTE
S901 HEAD SELECT
REV
FWD
HP901-1 L-CH
HP901-2 R-CH
CNJ2-1 LINE OUT
CNJ2-2 LINE INPUT
CNP801
CNP802
FRONT
REAR
M901 MOTOR
L701 450μH
S321-1 TUNING
S321-2 SEEK
S321-3 MEMORY
P. ANT
ACC
BACK UP
CHASSIS GND
TOTAL CURRENT
FM : 430mA
AM : 360mA
PB : 480mA
FF/REV : 430mA
VOLUME
BALANCE
BASS
TREBLE
LINE AMP
FADER
DOLBY LEVEL
S501 POWER SWITCH

SECTION 5
EXPLODED VIEWS

NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Due to standardization, parts with part number suffix -XX and -X may be different from the parts specified in the components used on the set.
- Color Indication of Appearance Parts
  Example:
  (RED) . . . KNOB, BALANCE (WHITE)
  ↑ ↑
  Cabinet's Color Parts' Color

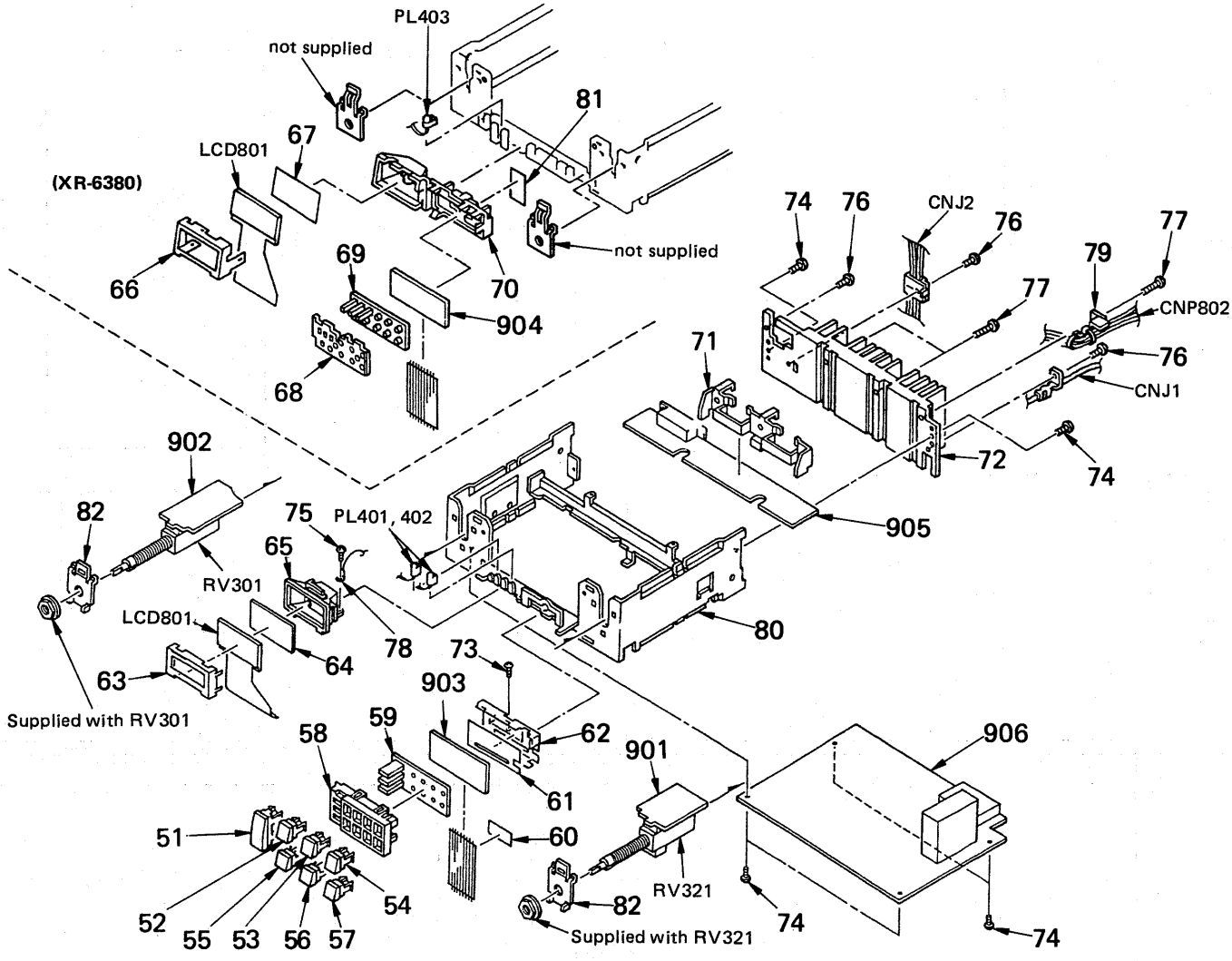
(1) CHASSIS ASSEMBLY 1



No.	Part No.	Description	Remarks
1	X-3391-211-1	(6380)...KNOB (1) ASSY	2
	X-3391-212-1	(6387)...KNOB (2) ASSY	2
2	X-3391-205-1	KNOB ASSY	
3	3-391-716-31	(6387)...PLATE, TRIM	
	3-391-763-31	(6380)...PLATE, TRIM	
4	3-391-756-41	(6387)...PLATE, TRANSPARENT	
5	X-3391-208-1	(6387)...PIECE ASSY, NOSE	
6	3-559-944-00	(6387)...SPRING	
7	3-391-797-81	(6387)...DOOR, CASSETTE	
8	3-325-708-01	(6387)...SHAFT, CASSETTE DOOR	
9	3-392-462-11	(6380)...BUTTON (E)	
10	3-392-473-01	(6380)...BUTTON (A)(1)	
11	3-392-473-11	(6380)...BUTTON (A)(2)	
12	3-392-474-01	(6380)...BUTTON (B)(3)	
13	3-392-475-01	(6380)...BUTTON (C)(4)	
14	3-392-475-11	(6380)...BUTTON (C)(5)	
15	3-392-476-01	(6380)...BUTTON (D)(6)	
16	3-392-463-11	(6380)...PANEL, FRONT	
17	3-392-469-01	(6380)...COVER (DISPLAY)	
18	3-325-945-01	(6380)...SPRING	

No.	Part No.	Description	Remarks
19	X-3391-223-1	(6380)...DOOR ASSY, CASSET	
20	3-332-130-01	(6380)...SHAFT, C DOOR	
21	3-391-702-21	(6387)...BUTTON, EJECT	
	3-391-702-31	(6380)...BUTTON, EJECT	
22	3-391-755-41	(6387)...BUTTON, REW	
	3-391-755-51	(6380)...BUTTON, REW	
23	3-391-754-41	(6387)...BUTTON, FF	
	3-391-754-51	(6380)...BUTTON, FF	
24	*3-392-413-01	BRACKET (MD)	
25	*3-392-446-01	(6380:US)....LABEL, MODEL NUMBER (U)	
	*3-392-447-01	(6380:Canadian) ...LABEL, MODEL NUMBER (CA)	
	*3-392-448-01	(6387:US)....LABEL, MODEL NUMBER (U)	
26	*3-392-478-01	COVER	
27	9-911-841-XX	CUSHION	
28	*3-392-482-01	SHEET, INSULATING	
29	7-621-775-00	SCREW +B 2.6X3	
30	7-621-773-86	SCREW +PTT 2.6X4 (S)	
31	7-621-770-67	SCREW +PTT 2.6X6 (S)	
32	3-392-429-01	LEVER (EJECT)	

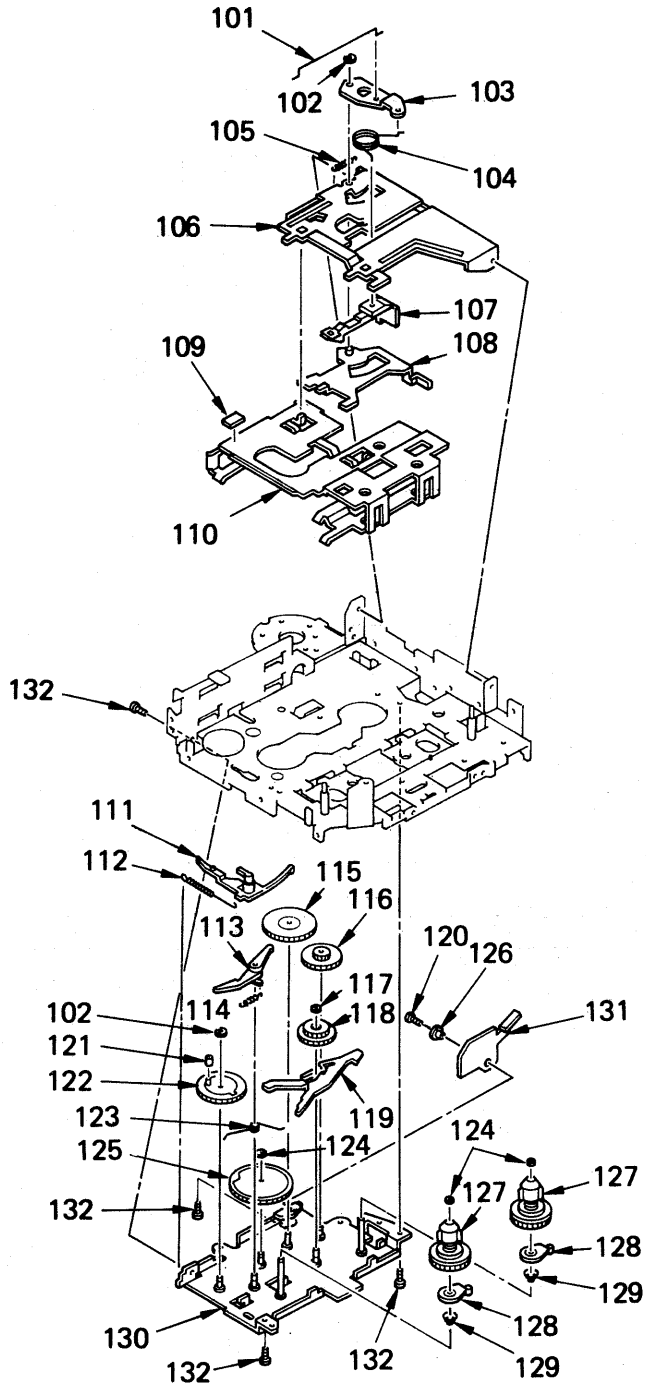
(2) CHASSIS ASSEMBLY 2



No.	Part No.	Description	Remarks
51	3-391-721-31	(6387)...BUTTON, BAND (FM/AM,AMS)	
52	3-391-758-41	(6387)...BUTTON (B)(1)	
53	3-391-758-51	(6387)...BUTTON (B)(2)	
54	3-391-758-61	(6387)...BUTTON (B)(3)	
55	3-391-757-21	(6387)...BUTTON (A)(4)	
56	3-391-757-31	(6387)...BUTTON (A)(5)	
57	3-391-758-71	(6387)...BUTTON (B)(6)	
58	*3-391-762-01	(6387)...PLATE, LIGHT GUIDE	
59	3-391-760-01	(6387)...SWITCH, RUBBER KEY	
60	*3-391-767-01	(6387)...SPACER	
61	*3-392-414-01	(6387)...SHEET (C), INSULATING	
62	*3-391-759-02	(6387)...BRACKET (C)	
63	*3-391-710-01	(6387)...HOLDER, LCD	
64	*3-392-440-01	(6387)...REFLECTOR	
65	*3-391-718-01	(6387)...HOUSE, LAMP	
66	*3-392-467-01	(6380)...HOLDER (LCD)	
67	*3-392-440-01	(6380)...REFLECTOR	
68	*3-392-470-01	(6380)...PLATE, LIGHT GUIDE	
69	3-392-472-01	(6380)...SWITCH, RUBBER KEY	
70	*3-392-471-01	(6380)...HOLDER (PCB)	
71	*3-392-480-01	BRACKET (IC)	
72	*3-392-479-01	HEAT SINK	
73	7-621-773-86	SCREW +PTT 2.6X4 (S)	
74	7-621-770-67	SCREW +PTT 2.6X6 (S)	

No.	Part No.	Description	Remarks
75	7-621-770-67	SCREW +BVTT 2.6X6 (S)	
76	7-682-547-04	SCREW +PTT 3X6 (S)	
77	7-682-550-04	SCREW +PTT 3X12 (S)	
78	7-623-507-01	(6387)...LUG, 2,6	
79	*3-392-481-01	BRACKET (SP CORD)	
80	*X-3391-215-1	(6387)...CHSE ASSY	
	*X-3391-221-1	(6380)...CHASSIS ASSY	
81	3-831-441-11	(6380)...CUSHION (B)	
82	*3-391-706-01	(6387)...BRACKET, VOL	
901	*1-629-949-11	PC BOARD, FADER	
902	*1-629-948-11	PC BOARD, VOLUME	
903	*1-622-766-11	(6387)...PC BOARD, SWITCH	
904	*1-629-901-11	(6380)...PC BOARD, SWITCH	
905	*A-3289-582-A	MOUNTED PCB, POWER AMPLIFIER	
906	*A-3260-906-A	(6387)...MOUNTED PCB, MAIN	
	*A-3260-907-A	(6380)...MOUNTED PCB, MAIN	
CNJ1	1-559-155-11	CORD (WITH CONNECTOR)	
CNJ2	1-574-549-11	CORD (WITH JACK)	
CNP802	1-574-538-11	CORD (WITH CONNECTOR) (PLUG)	
LCD801	1-808-120-11	DISPLAY PANEL, LIQUID CRYSTAL	

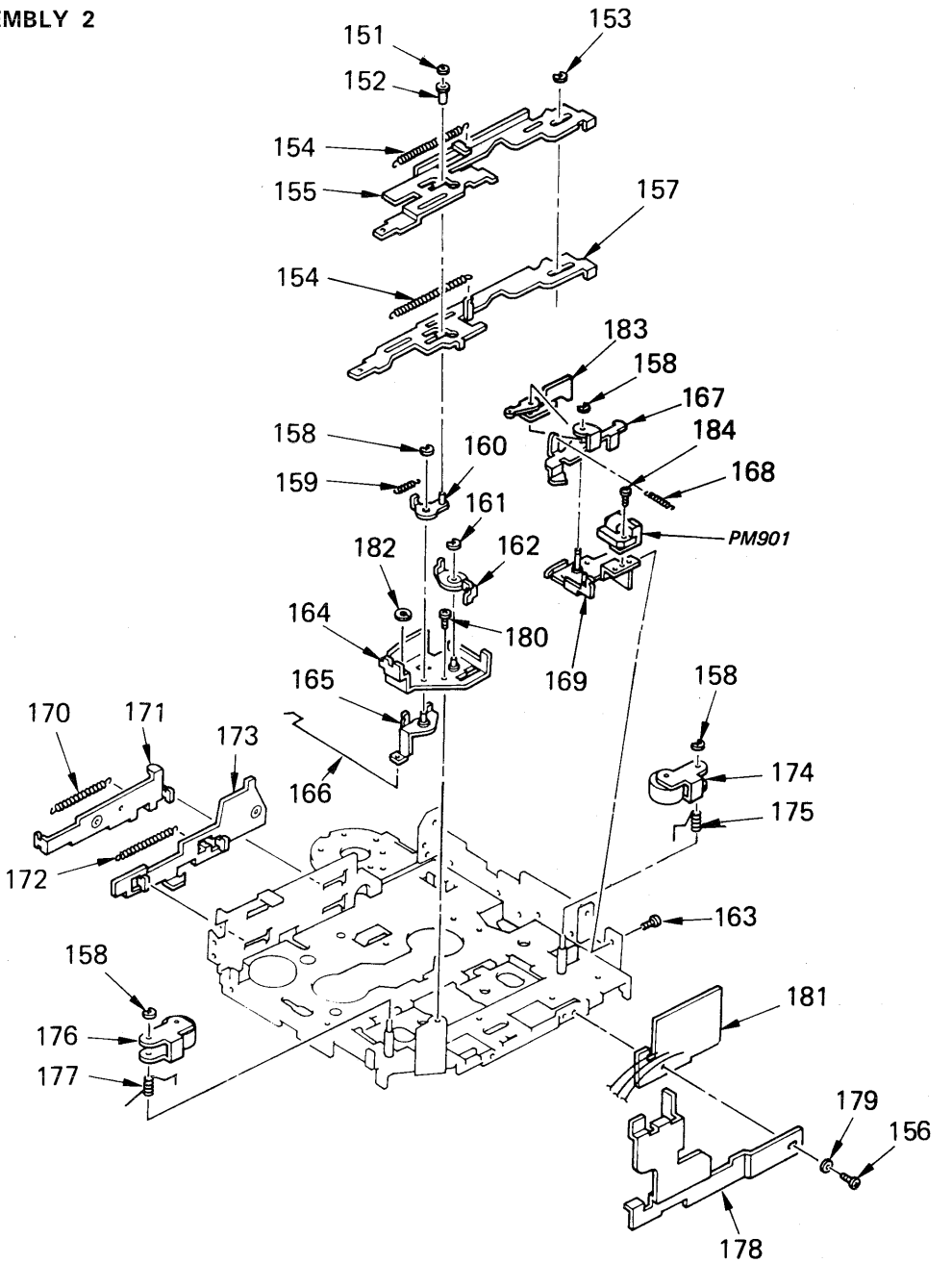
(3) MD ASSEMBLY 1



No.	Part No.	Description	Remarks
101	3-392-969-01	LINK, RETURN	
102	7-624-104-04	STOP RING 2.0, TYPE -E	
103	*3-392-932-01	PLATE, CENTER	
104	3-392-961-01	SPRING (B)	
105	3-392-953-01	SPRING	
106	*3-392-973-01	HANGER, CASSETTE	
107	3-392-972-01	HOOKER, TAPE	
108	*3-392-921-01	LOCK ASSY, EJECT CAM	
109	*3-392-968-01	CUSHION, C.H	
110	*3-392-977-01	HOLDER, CASSETTE	
111	3-392-985-01	RATCHET	
112	3-392-959-01	SPRING	
113	3-392-989-01	ARM, GEAR LOCK	
114	3-392-949-01	SPRING	
115	3-392-937-01	GEAR (B)	
116	3-392-936-01	GEAR (A)	

No.	Part No.	Description	Remarks
117	3-570-615-00	POLY-WASHER (DIA.1.2)	
118	3-392-915-01	GEAR, IDLE	
119	3-392-986-01	ARM, SENSOR	
120	4-908-792-31	SCREW (B2) (M2X4), TAPPING	
121	3-392-944-01	COLLAR (CELECTER GEAR)	
122	3-392-987-01	GEAR, SELECTOR	
123	3-392-960-01	SPRING	
124	3-676-387-00	POLY-SLIDER (DIA.1.6)	
125	3-392-990-01	GEAR, DETECTION	
126	3-392-946-01	COLLAR, SWITCH ARM	
127	3-392-905-01	SPINDLE ASSY (HSP), REEL	
128	3-392-940-01	CAM, DETECTION	
129	3-392-964-01	SPRING, TENSION	
130	*3-392-976-01	BASE ASSY, REEL	
131	*3-392-982-01	ARM, SWITCH	
132	*4-908-792-11	SCREW (B2X3), TAPPING, P1	

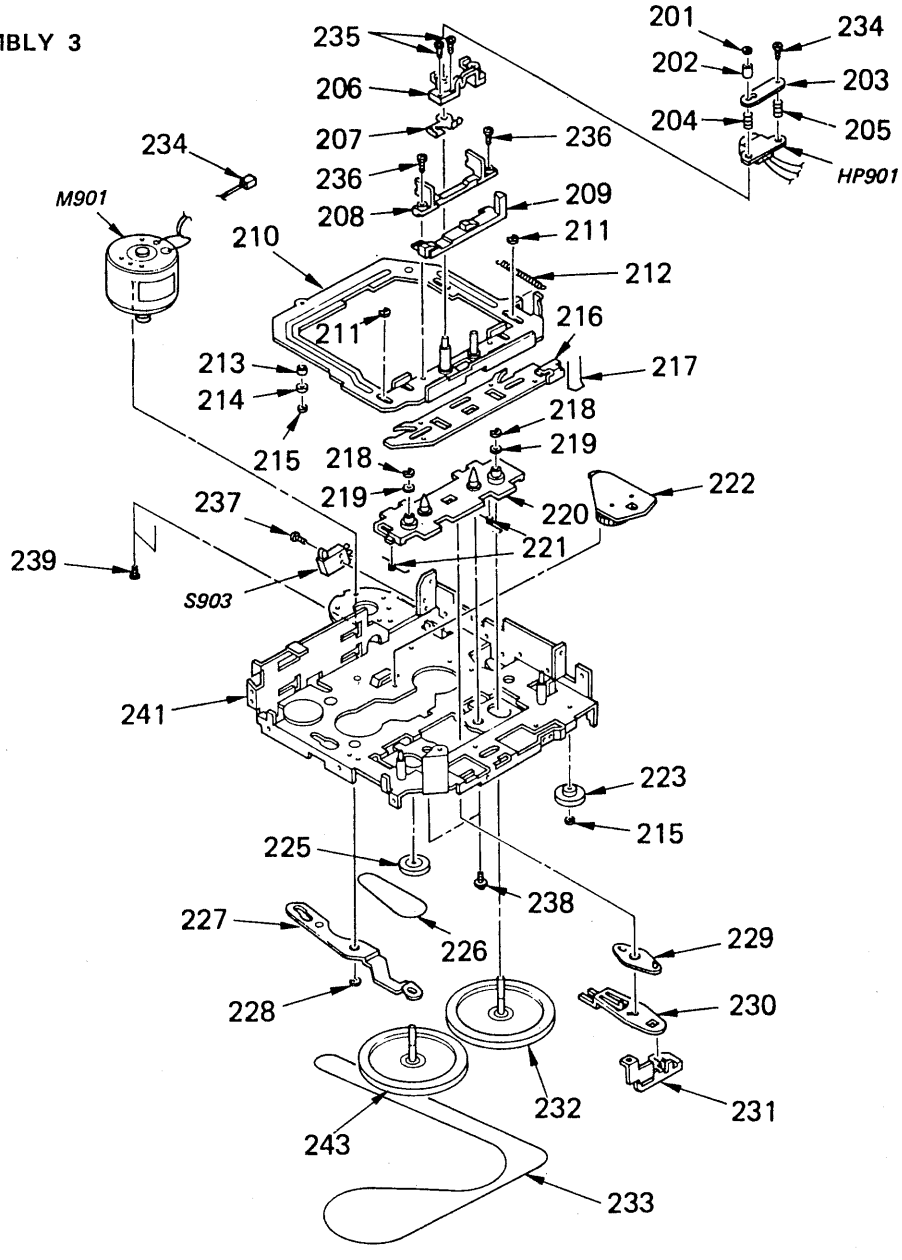
(4) MD ASSEMBLY 2



No.	Part No.	Description	Remarks
151	3-578-265-11	WASHER, STOPPER	
152	3-392-947-01	COLLAR, PROGRAM ARM	
153	7-624-104-04	STOP RING 2.0, TYPE -E	
154	3-392-948-01	SPRING	
155	*3-392-906-01	LEVER (A), FF	
156	4-908-792-51	SCREW (B2X5), TAPPING, P1	
157	*3-392-907-01	LEVER (A), REW	
158	7-624-102-04	STOP RING 1.5, TYPE -E	
159	3-392-954-01	SPRING	
160	*3-392-924-01	ARM ASSY, PROGRAM	
161	7-624-105-04	STOP RING 2.3, TYPE -E	
162	*3-392-933-01	LEVER (B), CHANGE	
163	7-621-555-10	SCREW +K 2X3	
164	*3-392-922-01	BRACKET (R) ASSY	
165	*3-392-920-01	LEVER (A) ASSY, CHANGE	
166	3-392-966-01	LINK, SELECTOR	
167	*3-392-904-01	ARM (A), LOCK	
168	3-392-902-01	SPRING (A)	

No.	Part No.	Description	Remarks
169	*3-392-923-01	BRACKET (F) ASSY	
170	3-392-950-01	SPRING	
171	*3-392-978-01	LEVER, EJECT	
172	3-392-951-01	SPRING	
173	*3-392-929-01	CAM ASSY, EJECT	
174	*3-392-928-01	ARM (F) ASSY, PINCH	
175	3-392-957-01	SPRING (F)	
176	*3-392-927-01	ARM (R) ASSY, PINCH	
177	3-392-958-01	SPRING (R)	
178	*3-392-983-01	BRACKET, REINFORCEMENT	
179	7-623-205-22	SW 2, TYPE 2	
180	7-621-255-25	SCREW +PTT 2X4 (S)	
181	3-392-970-01	CHASSIS, SWITCH	
182	3-321-393-01	RING, STOPPER	
183	3-392-903-01	ARM, RELEASE	
184	3-896-913-11	SCREW (B2X6), P3 TAPPING	
PM901	1-454-464-11	SOLENOID, PLUNGER	

(5) MD ASSEMBLY 3



No.	Part No.	Description	Remarks
201	3-676-387-00	POLY-SLIDER (DIA.1.6)	
202	3-392-943-01	ROLLER, FF	
203	*3-392-930-01	RETAINER, SPRING	
204	3-392-956-01	SPRING (A)	
205	3-392-955-01	SPRING (A)	
206	3-392-988-01	ARM, ADJUSTOR	
207	3-392-931-01	SEAM, ADJUSTOR	
208	3-392-984-01	GUIDE, TAPE	
209	3-392-971-01	LINK, ADJUSTOR	
210	*3-392-975-01	PLATE ASSY, HEAD	
211	7-624-105-04	STOP RING 2.3, TYPE -E	
212	3-392-952-01	SPRING	
213	3-392-942-01	ROLLER (B), H.P	
214	3-392-945-01	ROLLER (A), H.P	
215	3-570-615-00	POLY-WASHER (DIA.1.2)	
216	*3-392-919-01	ARM ASSY, F,R SELECTION	
217	3-392-962-01	SPRING	
218	3-590-768-00	RING (A), E	
219	3-701-437-11	POLY-SLIDER (A)	
220	3-392-914-01	BRACKET ASSY, CM	
221	3-392-963-01	SPRING (R)	
222	3-392-916-01	ARM ASSY, TU GEAR	

No.	Part No.	Description	Remarks
223	3-392-941-01	PULLEY (A), IDLE	
225	3-392-938-01	GEAR, PULLY	
226	3-392-965-01	BELT (B), SUB	
227	*3-392-979-01	LEVER, REVERSE	
228	7-624-104-04	STOP RING 2.0, TYPE -E	
229	*3-392-925-01	ARM (A) ASSY, F.R	
230	*3-392-939-01	ARM, FF	
231	*3-392-934-01	ARM (B), F.R	
232	3-392-926-01	FLYWHEEL ASSY (NOR)	
233	3-392-967-01	BELT, MAIN	
234	7-627-553-48	SCREW, PRECISION +P 2X4	
235	3-392-909-01	SCREW, AZIMUTH ADJUSTMENT	
236	7-621-255-25	SCREW +PTT 2X4 (S)	
237	3-318-203-11	SCREW (B1.7X6), TAPPING	
238	3-392-918-01	SCREW, EJECT HOOK	
239	7-627-554-07	PRECISION SCREW +P 2X2.2 TYPE3	
241	*3-392-974-01	CHASSIS ASSY, MAIN	
242	*3-392-901-01	CONNECTOR ASSY (2P)	
243	3-392-995-01	FLYWHEEL ASSY (R) (RVS)	
HP901	1-543-529-11	HEAD, MAGNETIC (PLAYBACK)	
M901	3-392-908-01	MOTOR ASSY	
S903	1-554-790-11	SWITCH, POWER (TAPE/RADIO)	

SECTION 6
ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- If there are two or more same circuits in a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

CAPACITORS:
MF: μF, PF: μμF.

RESISTORS
- All resistors are in ohms.
- F: nonflammable

COILS
- MMH: mH, UH: μH

SEMICONDUCTORS
In each case, U: μ, for example:
UA...: μA..., UPA...: μPA...,
UPC...: μPC, UPD...: μPD...

Ref.No.	Part No.	Description			
901	*1-629-949-11	PC BOARD, FADER			
902	*1-629-948-11	PC BOARD, VOLUME			
903	*1-622-766-11	(6387)...PC BOARD, SWITCH			
904	*1-629-901-11	(6380)...PC BOARD, SWITCH			
905	*A-3289-582-A	MOUNTED PCB, POWER AMPLIFIER			
906	*A-3260-906-A	(6387)...MOUNTED PCB, MAIN			
	*A-3260-907-A	(6380)...MOUNTED PCB, MAIN			
C1	1-124-589-11	ELECT	47MF	20%	10V
C2	1-163-063-00	CERAMIC MELF	0.022MF		25V
C3	1-163-181-00	CERAMIC MELF	100PF	10%	50V
C4	1-163-075-00	CERAMIC CHIP	0.047MF	10%	25V
C5	1-126-160-11	ELECT	1MF	20%	50V
C6	1-163-063-00	CERAMIC MELF	0.022MF		25V
C7	1-124-257-00	ELECT	2.2MF	20%	35V
C8	1-124-463-00	ELECT	0.1MF	20%	50V
C9	1-124-589-11	ELECT	47MF	20%	10V
C10	1-163-059-00	CERAMIC MELF	0.01MF	20%	16V
C11	1-163-063-00	CERAMIC MELF	0.022MF		25V
C12	1-126-157-11	ELECT	10MF	20%	10V
C13	1-126-094-11	ELECT	4.7MF	20%	25V
C14	1-163-169-00	CERAMIC MELF	33PF	5%	50V
C15	1-124-465-00	ELECT	0.47MF	20%	50V
C16	1-124-463-00	ELECT	0.1MF	20%	50V
C18	1-163-053-00	CERAMIC MELF	0.0033MF	20%	16V
C19	1-163-063-00	CERAMIC MELF	0.022MF		25V
C20	1-124-438-00	ELECT	1MF	20%	50V
C21	1-163-078-11	CERAMIC CHIP	0.033MF	10%	25V
C22	1-163-078-11	CERAMIC CHIP	0.033MF	10%	25V
C23	1-163-059-00	CERAMIC MELF	0.01MF	20%	16V
C24	1-124-589-11	ELECT	47MF	20%	10V
C25	1-124-438-00	ELECT	1MF	20%	50V
C26	1-124-464-11	ELECT	0.22MF	20%	50V
C51	1-163-063-00	CERAMIC MELF	0.022MF		25V
C52	1-163-059-00	CERAMIC MELF	0.01MF	20%	16V
C53	1-124-229-00	ELECT	33MF	20%	10V
C54	1-163-059-00	CERAMIC MELF	0.01MF	20%	16V
C55	1-161-055-00	CERAMIC	0.022MF	10%	25V
C56	1-124-463-00	ELECT	0.1MF	20%	50V
C101	1-163-201-00	CERAMIC MELF	680PF	10%	50V
C102	1-126-154-11	ELECT	47MF	20%	6.3V
C103	1-136-159-00	FILM	0.033MF	5%	50V
C104	1-124-465-00	ELECT	0.47MF	20%	50V
C105	1-136-157-00	FILM	0.022MF	5%	50V
C106	1-126-094-11	ELECT	4.7MF	20%	25V
C107	1-124-438-00	ELECT	1MF	20%	50V
C108	1-136-159-00	FILM	0.033MF	5%	50V

Ref.No.	Part No.	Description			
C109	1-126-157-11	ELECT	10MF	20%	10V
C110	1-130-479-00	MYLAR	0.0047MF	5%	50V
C111	1-124-589-11	ELECT	47MF	20%	10V
C112	1-136-161-00	FILM	0.047MF	5%	50V
C113	1-124-463-00	ELECT	0.1MF	20%	50V
C114	1-124-465-00	ELECT	0.47MF	20%	50V
C115	1-126-157-11	ELECT	10MF	20%	10V
C116	1-124-229-00	ELECT	33MF	20%	10V
C201	1-163-201-00	CERAMIC MELF	680PF	10%	50V
C202	1-126-154-11	ELECT	47MF	20%	6.3V
C203	1-136-159-00	FILM	0.033MF	5%	50V
C204	1-124-465-00	ELECT	0.47MF	20%	50V
C205	1-136-157-00	FILM	0.022MF	5%	50V
C206	1-126-094-11	ELECT	4.7MF	20%	25V
C207	1-124-438-00	ELECT	1MF	20%	50V
C208	1-136-159-00	FILM	0.033MF	5%	50V
C209	1-126-157-11	ELECT	10MF	20%	10V
C210	1-130-479-00	MYLAR	0.0047MF	5%	50V
C211	1-124-589-11	ELECT	47MF	20%	10V
C212	1-136-161-00	FILM	0.047MF	5%	50V
C213	1-124-463-00	ELECT	0.1MF	20%	50V
C214	1-124-465-00	ELECT	0.47MF	20%	50V
C215	1-126-157-11	ELECT	10MF	20%	10V
C301	1-163-075-00	CERAMIC CHIP	0.047MF		50V
C302	1-163-075-00	CERAMIC CHIP	0.047MF		50V
C303	1-163-059-00	CERAMIC MELF	0.01MF	30%	16V
C304	1-161-055-00	CERAMIC	0.022MF	10%	50V
C305	1-163-175-00	CERAMIC MELF	56PF	5%	50V
C306	1-124-463-00	ELECT	0.1MF	20%	50V
C307	1-126-094-11	ELECT	4.7MF	20%	25V
C308	1-124-589-11	ELECT	47MF	20%	10V
C309	1-163-213-00	CERAMIC MELF	0.0022MF	20%	16V
C321	1-126-094-11	ELECT	4.7MF	20%	25V
C322	1-126-094-11	ELECT	4.7MF	20%	25V
C323	1-163-177-00	CERAMIC MELF	68PF	5%	50V
C324	1-126-094-11	ELECT	4.7MF	20%	25V
C326	1-124-589-11	ELECT	47MF	20%	16V
C351	1-163-075-00	CERAMIC CHIP	0.047MF		50V
C352	1-163-075-00	CERAMIC CHIP	0.047MF		50V
C353	1-163-059-00	CERAMIC MELF	0.01MF	30%	16V
C354	1-161-055-00	CERAMIC	0.022MF	10%	50V
C355	1-163-175-00	CERAMIC MELF	56PF	5%	50V
C356	1-124-463-00	ELECT	0.1MF	20%	50V
C357	1-126-094-11	ELECT	4.7MF	20%	25V
C358	1-126-157-11	ELECT	10MF	20%	16V

Ref.No.	Part No.	Description			
C359	1-163-213-00	CERAMIC MELF	0.0022MF	20%	16V
C371	1-126-094-11	ELECT	4.7MF	20%	25V
C372	1-126-094-11	ELECT	4.7MF	20%	25V
C373	1-163-177-00	CERAMIC MELF	68PF	5%	50V
C374	1-126-094-11	ELECT	4.7MF	20%	25V
C401	1-124-248-00	ELECT	22MF	20%	25V
C402	1-124-248-00	ELECT	22MF	20%	25V
C403	1-136-161-00	FILM	0.047MF	5%	50V
C404	1-131-344-00	TANTALUM	0.33MF	10%	35V
C405	1-124-465-00	ELECT	0.47MF	20%	50V
C406	1-126-162-11	ELECT	3.3MF	20%	25V
C407	1-124-257-00	ELECT	2.2MF	20%	35V
C408	1-124-589-11	ELECT	47MF	20%	10V
C409	1-124-589-11	ELECT	47MF	20%	16V
C410	1-124-446-11	ELECT	47MF	20%	10V
C411	1-126-162-11	ELECT	3.3MF	20%	35V
C413	1-126-101-11	ELECT	100MF	20%	16V
C414	1-126-160-11	ELECT	1MF	20%	50V
C420	1-124-434-00	ELECT	220MF	20%	4V
C422	1-163-059-00	CERAMIC MELF	0.01MF	20%	16V
C501	1-124-225-00	ELECT	100MF	20%	6.3V
C502	1-124-225-00	ELECT	100MF	20%	6.3V
C503	1-163-161-00	CERAMIC MELF	15PF	5%	50V
C504	1-163-165-00	CERAMIC MELF	22PF	5%	50V
C505	1-163-059-00	CERAMIC MELF	0.01MF	20%	16V
C506	1-163-059-00	CERAMIC MELF	0.01MF	20%	16V
C507	1-163-059-00	CERAMIC MELF	0.01MF	20%	16V
C508	1-163-059-00	CERAMIC MELF	0.01MF	20%	16V
C509	1-163-181-00	CERAMIC MELF	100PF	10%	50V
C510	1-136-173-00	FILM	0.47MF	5%	50V
C511	1-126-094-11	ELECT	4.7MF	20%	25V
C512	1-126-094-11	ELECT	4.7MF	20%	25V
C513	1-126-094-11	ELECT	4.7MF	20%	25V
C514	1-163-063-00	CERAMIC MELF	0.022MF		25V
C601	1-126-094-11	ELECT	4.7MF	20%	25V
C602	1-163-213-00	CERAMIC MELF	0.0022MF	30%	16V
C603	1-124-446-11	ELECT	47MF	20%	10V
C604	1-136-167-00	FILM	0.15MF	5%	50V
C605	1-136-167-00	FILM	0.15MF	5%	50V
C606	1-124-589-11	ELECT	47MF	20%	16V
C607	1-124-120-11	ELECT	220MF	20%	16V
C609	1-126-094-11	ELECT	4.7MF	20%	25V
C610	1-124-589-11	ELECT	47MF	20%	16V
C621	1-126-094-11	ELECT	4.7MF	20%	25V
C622	1-163-213-00	CERAMIC MELF	0.0022MF	30%	16V
C623	1-124-446-11	ELECT	47MF	20%	10V
C624	1-136-167-00	FILM	0.15MF	5%	50V
C625	1-136-167-00	FILM	0.15MF	5%	50V
C627	1-124-119-00	ELECT	330MF	20%	16V
C651	1-126-094-11	ELECT	4.7MF	20%	25V
C652	1-163-213-00	CERAMIC MELF	0.0022MF	30%	16V
C653	1-124-446-11	ELECT	47MF	20%	10V
C654	1-136-167-00	FILM	0.15MF	5%	50V
C655	1-136-167-00	FILM	0.15MF	5%	50V
C671	1-126-094-11	ELECT	4.7MF	20%	25V
C672	1-163-213-00	CERAMIC MELF	0.0022MF	30%	16V
C673	1-124-446-11	ELECT	47MF	20%	10V

Ref.No.	Part No.	Description			
C674	1-136-167-00	FILM	0.15MF	5%	50V
C675	1-136-167-00	FILM	0.15MF	5%	50V
C701	1-126-101-11	ELECT	100MF	20%	16V
C702	1-123-875-11	ELECT	10MF	20%	50V
C703	1-124-343-00	ELECT	2200MF	20%	16V
C704	1-124-443-00	ELECT	100MF	20%	10V
C705	1-124-443-00	ELECT	100MF	20%	10V
CF1	1-567-415-11	FILTER, CERAMIC			
CF2	1-567-415-11	FILTER, CERAMIC			
CNJ1	1-559-155-11	CORD (WITH CONNECTOR)			
CNJ2	1-574-549-11	CORD (WITH JACK)			
CNP101*	1-506-992-11	PIN, CONNECTOR (PC BOARD) 10P			
CNP102*	1-506-985-11	PIN, CONNECTOR (PC BOARD) 3P			
CNP301*	1-564-707-11	PIN, CONNECTOR (SMALL TYPE) 5P			
CNP303*	1-564-705-11	PIN, CONNECTOR (SMALL TYPE) 3P			
CNP304*	1-564-708-11	PIN, CONNECTOR (SMALL TYPE) 6P			
CNP701*	1-564-505-11	PLUG, CONNECTOR 2P			
CNP702*	1-564-707-11	PIN, CONNECTOR (SMALL TYPE) 5P			
CNP703*	1-564-505-11	PLUG, CONNECTOR 2P			
CNP704*	1-564-709-11	PIN, CONNECTOR (SMALL TYPE) 7P			
CNP705*	1-564-505-11	PLUG, CONNECTOR 2P			
CNP801	1-568-287-11	CONNECTOR 7P			
CNP802	1-574-538-11	CORD (WITH CONNECTOR) (PLUG)			
D1	8-719-908-25	DIODE LTZ-R15			
D2	8-719-911-19	DIODE 1SS119			
D51	8-719-110-44	DIODE RD16ES-B1			
D52	8-719-110-44	DIODE RD16ES-B1			
D101	8-719-911-19	DIODE 1SS119			
D201	8-719-911-19	DIODE 1SS119			
D401	8-719-110-17	DIODE RD10ES-B2			
D402	8-719-928-26	DIODE DSA1A2			
D405	8-719-109-72	DIODE RD3.9ES-B2			
D409	8-719-911-19	DIODE 1SS119			
D501	8-719-109-92	DIODE RD6.2ES-B1			
D502	8-719-911-19	DIODE 1SS119			
D503	8-719-911-19	DIODE 1SS119			
D504	8-719-911-19	DIODE 1SS119			
D505	8-719-911-19	DIODE 1SS119			
D506	8-719-911-19	DIODE 1SS119			
D507	8-719-911-19	DIODE 1SS119			
D508	8-719-911-19	DIODE 1SS119			
D509	8-719-911-19	DIODE 1SS119			
D510	8-719-911-19	DIODE 1SS119			
D511	8-719-911-19	DIODE 1SS119			
D512	8-719-911-19	DIODE 1SS119			
D513	8-719-911-19	DIODE 1SS119			
D514	8-719-911-19	DIODE 1SS119			
D515	8-719-911-19	DIODE 1SS119			
D516	8-719-911-19	DIODE 1SS119			
D517	8-719-911-19	DIODE 1SS119			
D518	8-719-911-19	DIODE 1SS119			
D519	8-719-911-19	DIODE 1SS119			
D520	8-719-911-19	DIODE 1SS119			
D521	8-719-911-19	DIODE 1SS119			
D522	8-719-911-19	DIODE 1SS119			
D523	8-719-911-19	DIODE 1SS119			

Ref.No.	Part No.	Description
D524	8-719-911-19	DIODE 1SS119
D525	8-719-911-19	DIODE 1SS119
D526	8-719-911-19	DIODE 1SS119
D601	8-719-911-19	DIODE 1SS119
D701	8-719-110-13	DIODE RD9.1ES-B2
D702	8-719-911-19	DIODE 1SS119
D703	8-719-928-26	DIODE DSA1A2
D704	8-719-928-26	DIODE DSA1A2
D705	8-719-931-04	DIODE ERD31-04
D706	8-719-911-19	DIODE 1SS119
D851	8-719-946-41	(6387)...DIODE BG3822K-104
D852	8-719-946-41	(6387)...DIODE BG3822K-104
D853	8-719-946-41	(6387)...DIODE BG3822K-104
D854	8-719-946-41	(6387)...DIODE BG3822K-104
D855	8-719-946-41	(6387)...DIODE BG3822K-104
D856	8-719-946-41	(6387)...DIODE BG3822K-104
D857	8-719-946-41	(6387)...DIODE BG3822K-104
D858	8-719-946-41	(6387)...DIODE BG3822K-104
FE1	1-463-937-11	FRONT END (FM)
HP901	1-543-529-11	HEAD, MEGNETIC (PLAYBACK)
IC1	8-759-820-53	IC LA1145M-T1
IC2	8-759-801-22	IC LA3430
IC101	8-759-971-24	IC BA3406AL
IC102	8-759-105-48	IC UPC1284G
IC301	8-759-100-96	IC UPC4558G2
IC321	8-759-100-96	IC UPC4558G2
IC401	8-759-800-71	IC LA2010
IC501	8-759-144-27	IC UPD1708AG-809-00
IC601	8-759-230-25	IC TA8210H
IC621	8-759-230-25	IC TA8210H
JW10	1-249-366-11	CARBON MELF 0 5% 1/5W
JW16	1-249-366-11	CARBON MELF 0 5% 1/5W
JW28	1-249-366-11	CARBON MELF 0 5% 1/5W
JW29	1-249-366-11	CARBON MELF 0 5% 1/5W
JW301	1-249-366-11	CARBON MELF 0 5% 1/5W
JW609	1-249-366-11	CARBON MELF 0 5% 1/5W
JW610	1-249-366-11	CARBON MELF 0 5% 1/5W
L51	1-410-513-11	INDUCTOR 22UH
L701	1-421-961-11	COIL, CHOKE 450UH
LCD801	1-808-120-11	DISPLAY PANEL, LIQUID CRYSTAL
M901	3-392-908-11	MOTOR ASSY
PM901	1-454-464-11	SOLENOID, PLUNGER
PL401	1-518-505-00	(6387)...LAMP, PILOT
PL401	1-518-644-11	(6380)...LAMP, PILOT
PL402	1-518-505-11	(6387)...LAMP, PILOT
PL402	1-518-644-11	(6380)...LAMP, PILOT
PL403	1-518-629-41	(6380)...LAMP, PILOT
Q1	8-729-904-39	TRANSISTOR DTC114TS
Q2	8-729-173-38	TRANSISTOR 2SA733-K
Q301	8-729-271-23	TRANSISTOR 2SC2712-L
Q351	8-729-271-23	TRANSISTOR 2SC2712-L
Q401	8-729-119-78	TRANSISTOR 2SC2785
Q402	8-729-205-02	TRANSISTOR 2SA1150
Q403	8-729-903-02	TRANSISTOR DTA143XS
Q404	8-729-900-61	TRANSISTOR DTA114ES
Q405	8-729-807-12	TRANSISTOR 2SD1802
Q406	8-729-904-34	TRANSISTOR DTA114TS
Q420	8-729-900-36	TRANSISTOR DTC124ES
Q421	8-729-900-36	TRANSISTOR DTC124ES
Q501	8-729-119-78	TRANSISTOR 2SC2785
Q502	8-729-119-78	TRANSISTOR 2SC2785
Q503	8-729-119-78	TRANSISTOR 2SC2785
Q504	8-729-173-38	TRANSISTOR 2SA733-K
Q505	8-729-119-78	TRANSISTOR 2SC2785
Q506	8-729-218-43	TRANSISTOR 2SK184-GR
Q507	8-729-119-78	TRANSISTOR 2SC27845
Q508	8-729-119-78	TRANSISTOR 2SC27845
Q509	8-729-119-78	TRANSISTOR 2SC27845
Q510	8-729-900-36	TRANSISTOR DTC124ES
Q511	8-729-900-36	TRANSISTOR DTC124ES
Q512	8-729-900-36	TRANSISTOR DTC124ES
Q513	8-729-900-61	TRANSISTOR DTA114ES
Q601	8-729-900-80	TRANSISTOR DTC114ES
Q602	8-729-900-65	TRANSISTOR DTA144ES
Q701	8-729-303-61	TRANSISTOR 2SC3851-G
Q702	8-729-205-02	TRANSISTOR 2SA1150
Q703	8-729-900-85	TRANSISTOR DTC144WS
R1	1-249-393-11	CARBON MELF 10 5% 1/5W
R2	1-249-417-11	CARBON MELF 1K 5% 1/5W
R6	1-249-411-11	CARBON MELF 330 5% 1/5W
R7	1-249-437-11	CARBON MELF 47K 5% 1/5W
R8	1-215-462-00	CARBON MELF 51K 5% 1/5W
R9	1-249-435-11	CARBON MELF 33K 5% 1/5W
R10	1-249-427-11	CARBON MELF 6.8K 5% 1/5W
R11	1-249-432-11	CARBON MELF 18K 5% 1/5W
R12	1-249-393-11	CARBON MELF 10 5% 1/5W
R13	1-249-429-11	CARBON MELF 10K 5% 1/5W
R14	1-249-429-11	CARBON MELF 10K 5% 1/5W
R15	1-249-429-11	CARBON 10K 5% 1/4W
R16	1-249-433-11	CARBON MELF 22K 5% 1/5W
R17	1-249-366-11	CARBON MELF 0 5% 1/5W
R18	1-249-433-11	CARBON MELF 22K 5% 1/5W
R19	1-249-421-11	CARBON MELF 2.2K 5% 1/5W
R20	1-215-471-00	CARBON MELF 120K 5% 1/5W
R21	1-249-423-11	CARBON MELF 3.3K 5% 1/5W
R22	1-249-423-11	CARBON MELF 3.3K 5% 1/5W
R23	1-247-881-00	CARBON 120K 5% 1/4W
R24	1-247-881-00	CARBON 120K 5% 1/4W
R25	1-249-435-11	CARBON MELF 33K 5% 1/5W
R26	1-215-438-00	CARBON MELF 5.1K 5% 1/5W
R27	1-249-421-11	CARBON MELF 2.2K 5% 1/5W
R28	1-215-434-00	CARBON MELF 3.6K 5% 1/5W
R29	1-249-441-11	CARBON MELF 100K 5% 1/5W
R30	1-215-462-00	CARBON MELF 51K 5% 1/5W
R31	1-249-438-11	CARBON MELF 56K 5% 1/5W
R53	1-249-429-11	CARBON MELF 10K 5% 1/5W
R54	1-249-429-11	CARBON MELF 10K 5% 1/5W
R55	1-249-427-11	CARBON MELF 6.8K 5% 1/5W
R56	1-215-471-00	CARBON MELF 120K 5% 1/5W
R57	1-215-471-00	CARBON MELF 120K 5% 1/5W
R58	1-249-429-11	CARBON MELF 10K 5% 1/5W
R59	1-249-429-11	CARBON MELF 10K 5% 1/5W
R101	1-249-403-11	CARBON MELF 68 5% 1/5W

Ref.No.	Part No.	Description			
R102	1-215-436-00	CARBON MELF	4.3K	5%	1/5W
R103	1-249-441-11	CARBON MELF	100K	5%	1/5W
R105	1-247-887-00	CARBON	220K	5%	1/4W
R108	1-249-423-11	CARBON MELF	3.3K	5%	1/5W
R109	1-249-437-11	CARBON MELF	47K	5%	1/5W
R110	1-247-885-00	CARBON MELF	180K	5%	1/5W
R111	1-215-488-00	CARBON MELF	620K	5%	1/5W
R115	1-249-433-11	CARBON MELF	22K	5%	1/5W
R116	1-249-421-11	CARBON MELF	2.2K	5%	1/5W
R119	1-249-438-11	CARBON MELF	56K	5%	1/5W
R123	1-249-433-11	CARBON MELF	22K	5%	1/5W
R201	1-249-403-11	CARBON MELF	68	5%	1/5W
R202	1-215-436-00	CARBON MELF	4.3K	5%	1/5W
R203	1-249-441-11	CARBON MELF	100K	5%	1/5W
R205	1-247-887-00	CARBON	220K	5%	1/4W
R208	1-249-423-11	CARBON MELF	3.3K	5%	1/5W
R209	1-249-437-11	CARBON MELF	47K	5%	1/5W
R210	1-247-885-00	CARBON MELF	180K	5%	1/5W
R211	1-215-488-00	CARBON MELF	620K	5%	1/5W
R215	1-249-433-11	CARBON MELF	22K	5%	1/5W
R216	1-249-421-11	CARBON MELF	2.2K	5%	1/5W
R219	1-249-438-11	CARBON MELF	56K	5%	1/5W
R223	1-249-433-11	CARBON MELF	22K	5%	1/5W
R301	1-249-434-11	CARBON MELF	27K	5%	1/5W
R302	1-215-493-00	CARBON MELF	1M	5%	1/5W
R303	1-249-423-11	CARBON MELF	3.3K	5%	1/5W
R304	1-249-423-11	CARBON MELF	3.3K	5%	1/5W
R305	1-249-035-00	CARBON MELF	680	5%	1/5W
R306	1-249-426-11	CARBON MELF	5.6K	5%	1/5W
R307	1-249-441-11	CARBON MELF	100K	5%	1/5W
R308	1-249-425-11	CARBON MELF	4.7K	5%	1/5W
R321	1-249-433-11	CARBON MELF	22K	5%	1/5W
R322	1-215-460-00	CARBON MELF	43K	5%	1/5W
R323	1-249-437-11	CARBON MELF	47K	5%	1/5W
R324	1-249-437-11	CARBON MELF	47K	5%	1/5W
R325	1-249-437-11	CARBON MELF	47K	5%	1/5W
R326	1-249-425-11	CARBON MELF	4.7K	5%	1/5W
R327	1-249-425-11	CARBON MELF	4.7K	5%	1/5W
R328	1-249-428-11	CARBON MELF	8.2K	5%	1/5W
R329	1-249-429-11	CARBON MELF	10K	5%	1/5W
R351	1-249-434-11	CARBON MELF	27K	5%	1/5W
R352	1-215-493-00	CARBON MELF	1M	5%	1/5W
R353	1-249-423-11	CARBON MELF	3.3K	5%	1/5W
R354	1-249-423-11	CARBON MELF	3.3K	5%	1/5W
R355	1-249-035-00	CARBON MELF	680	5%	1/5W
R356	1-249-426-11	CARBON MELF	5.6K	5%	1/5W
R357	1-249-441-11	CARBON MELF	100K	5%	1/5W
R358	1-249-425-11	CARBON MELF	4.7K	5%	1/5W
R371	1-249-433-11	CARBON MELF	22K	5%	1/5W
R372	1-215-460-00	CARBON MELF	43K	5%	1/5W
R373	1-249-437-11	CARBON MELF	47K	5%	1/5W
R374	1-249-437-11	CARBON MELF	47K	5%	1/5W
R375	1-249-437-11	CARBON MELF	47K	5%	1/5W
R376	1-249-425-11	CARBON MELF	4.7K	5%	1/5W
R377	1-249-425-11	CARBON MELF	4.7K	5%	1/5W
R401	1-249-417-11	CARBON MELF	1K	5%	1/5W
R402	1-215-477-00	CARBON MELF	220K	5%	1/5W

Ref.No.	Part No.	Description			
R403	1-249-426-11	CARBON MELF	5.6K	5%	1/5W
R404	1-249-429-11	CARBON MELF	10K	5%	1/5W
R405	1-215-484-00	CARBON MELF	430K	5%	1/5W
R406	1-249-441-11	CARBON	100K	5%	1/4W
R407	1-249-405-11	CARBON MELF	100	5%	1/5W
R408	1-249-405-11	CARBON MELF	100	5%	1/5W
R409	1-249-437-11	CARBON MELF	47K	5%	1/5W
R410	1-249-405-11	CARBON	100	5%	1/4W
R411	1-249-423-11	CARBON MELF	3.3K	5%	1/5W
R412	1-249-423-11	CARBON MELF	3.3K	5%	1/5W
R413	1-249-435-11	CARBON	33K	5%	1/4W
R414	1-249-035-00	CARBON MELF	680	5%	1/5W
R415	1-249-429-11	CARBON MELF	10K	5%	1/5W
R416	1-247-782-00	CARBON MELF	9.1	5%	1/5W
R417	1-247-782-00	CARBON MELF	9.1	5%	1/5W
R420	1-249-433-11	CARBON MELF	22K	5%	1/5W
R421	1-249-428-11	CARBON MELF	8.2K	5%	1/5W
R422	1-249-429-11	CARBON MELF	10K	5%	1/5W
R423	1-249-429-11	CARBON MELF	10K	5%	1/5W
R424	1-249-366-11	(6387)...CARBON MELF	0	5%	1/5W
R424	1-249-395-11	(6380)...CARBON MELF	15	5%	1/5W
R425	1-249-366-11	(6387)...CARBON MELF	0	5%	1/5W
R425	1-249-395-11	(6380)...CARBON MELF	15	5%	1/5W
R426	1-215-412-00	CARBON MELF	430	5%	1/5W
R501	1-249-423-11	CARBON MELF	3.3K	5%	1/5W
R502	1-249-431-11	CARBON MELF	15K	5%	1/5W
R503	1-249-433-11	CARBON MELF	22K	5%	1/5W
R504	1-249-435-11	CARBON MELF	33K	5%	1/5W
R505	1-249-435-11	CARBON MELF	33K	5%	1/5W
R506	1-249-435-11	CARBON	33K	5%	1/4W
R507	1-249-435-11	CARBON MELF	33K	5%	1/5W
R508	1-249-435-11	CARBON MELF	33K	5%	1/5W
R509	1-249-435-11	CARBON MELF	33K	5%	1/5W
R510	1-247-895-00	CARBON	470K	5%	1/4W
R511	1-247-895-00	CARBON	470K	5%	1/4W
R512	1-215-485-00	CARBON MELF	470K	5%	1/5W
R513	1-247-895-00	CARBON	470K	5%	1/4W
R514	1-249-441-11	CARBON MELF	100K	5%	1/5W
R515	1-249-429-11	CARBON MELF	10K	5%	1/5W
R517	1-249-421-11	CARBON MELF	2.2K	5%	1/5W
R518	1-249-431-11	CARBON MELF	15K	5%	1/5W
R519	1-249-425-11	CARBON MELF	4.7K	5%	1/5W
R520	1-249-425-11	CARBON MELF	4.7K	5%	1/5W
R521	1-249-421-11	CARBON MELF	2.2K	5%	1/5W
R522	1-249-437-11	CARBON MELF	47K	5%	1/5W
R523	1-249-437-11	CARBON MELF	47K	5%	1/5W
R524	1-249-411-11	CARBON	330	5%	1/4W
R525	1-249-429-11	CARBON	10K	5%	1/4W
R601	1-249-429-11	CARBON MELF	10K	5%	1/5W
R602	1-249-416-11	CARBON MELF	820	5%	1/5W
R603	1-249-001-00	CARBON MELF	1	5%	1/5W
R604	1-249-001-00	CARBON MELF	1	5%	1/5W
R605	1-249-429-11	CARBON	10K	5%	1/4W
R606	1-249-441-11	CARBON MELF	100K	5%	1/5W
R607	1-249-437-11	CARBON MELF	47K	5%	1/5W
R621	1-249-429-11	CARBON MELF	10K	5%	1/5W

Ref.No.	Part No.	Description			
R622	1-249-416-11	CARBON MELF	820	5%	1/5W
R623	1-249-001-00	CARBON MELF	1	5%	1/5W
R624	1-249-001-00	CARBON MELF	1	5%	1/5W
R625	1-249-429-11	CARBON MELF	10K	5%	1/5W
R651	1-249-429-11	CARBON MELF	10K	5%	1/5W
R652	1-249-416-11	CARBON MELF	820	5%	1/5W
R653	1-249-001-00	CARBON MELF	1	5%	1/5W
R654	1-249-001-00	CARBON MELF	1	5%	1/5W
R671	1-249-429-11	CARBON MELF	10K	5%	1/5W
R672	1-249-416-11	CARBON MELF	820	5%	1/5W
R673	1-249-001-00	CARBON MELF	1	5%	1/5W
R674	1-249-001-00	CARBON MELF	1	5%	1/5W
R701	1-249-417-11	CARBON MELF	1K	5%	1/5W
R702	1-249-438-11	CARBON MELF	56K	5%	1/5W
R703	1-247-778-00	CARBON MELF	6.2	5%	1/5W
R704	1-249-437-11	CARBON MELF	47K	5%	1/5W
R705	1-249-413-11	CARBON MELF	470	5%	1/5W
R706	1-247-778-00	CARBON MELF	6.2	5%	1/5W
R707	1-247-211-00	CARBON	62	5%	1/2W
R851	1-249-442-11	(6387)...CARBON MELF	510	5%	1/5W
R852	1-249-442-11	(6387)...CARBON MELF	510	5%	1/5W
R853	1-249-038-00	(6387)...CARBON MELF	1.2K	5%	1/5W
R854	1-249-038-00	(6387)...CARBON MELF	1.2K	5%	1/5W
RV1	1-228-995-00	RES, ADJ, CARBON 22K			
RV51	1-228-995-00	RES, ADJ, CARBON 22K			
RV101	1-237-592-31	RES, ADJ, METAL GRAZE 22K			
RV201	1-237-592-31	RES, ADJ, METAL GRAZE 22K			
RV301	1-238-474-11	RES, VAR, CARBON (WITH S301) 100KX7 (POWER ON/OFF,VOLUME,BASS,TREBLE)			
RV321	1-238-476-11	RES, VAR, CARBON (WITH S321) 100KX2 (SEEK,MEMORY,TUNING,FADER)			
S901	1-554-814-11	SWITCH, SLIDE (REV/FOR)			
S902	1-571-522-11	SWITCH, LEAF (MUTE)			
S903	1-554-790-11	SWITCH, POWER (TAPE/RADIO)			
T1	1-404-776-11	TRANSFORMER, DISCRIMINATOR			
TU1	1-465-137-11	TUNER UNIT, AM			
X1	1-567-250-11	OSCILLATOR, CERAMIC			
X501	1-567-713-11	VIBRATOR, CRYSTAL 4.5MHz			

ACCESSORY & PACKING MATERIAL

X-3391-202-1	SCREW ASSY, FITTING	
3-310-655-11	SUPPORT (ND), FITTING	
3-391-716-31	(6387)....PLATE, TRIM	
3-391-763-31	(6380)....PLATE, TRIM	
1-574-498-11	CORD (WITH CONNECTOR)	
1-574-539-11	CORD (WITH CONNECTOR) (SP)	
3-345-349-01	BAG, PROTECTION	
3-701-627-01	BAG, POLYETHYLENE	
*3-392-490-01	(6380)...INDIVIDUAL, CARTON	
*3-392-492-01	(6387)...INDIVIDUAL, CARTON	
3-392-494-01	CUSHION (UPPER)	
3-392-495-01	CUSHION (LOWER)	
3-786-931-21	(6387)....MANUAL, INSTRUCTION	
3-786-932-21	(6387)....MANUAL, INSTRUCTION	
3-786-935-22	(6380)....MANUAL, INSTRUCTION	
3-786-936-22	(6380)....MANUAL, INSTRUCTION	
3-786-935-31	(6380,Canadian)...MANUAL, INSTRUCTION	
3-786-936-31	(6380,Canadian)...MANUAL, INSTRUCTION	
X-3391-211-1	(6380)....KNOB (1) ASSY	2
X-3391-212-1	(6387)....KNOB (2) ASSY	2
X-3391-205-1	KNOB ASSY	

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XR-6380/6387

SONY
SERVICE MANUAL

US Model
XR-6380/6387

Canadian Model
XR-6380/6387

SUPPLEMENT-1

File this supplement with the service manual.

Added XR-6387 : Canadian Model

• Parts List

No.	Part No.	Description
25	★3-362-424-01	(XR-6387 : Canadian) ...LABEL, MODEL NUMBER (CA)
	3-786-931-31	(XR-6387 : Canadian) ...MANUAL, INSTRUCTION (FRENCH)
	3-786-932-31	(XR-6387 : Canadian) ...MANUAL, INSTRUCTION (FRENCH) (INSTALLATION / CONNECTION)
RV301	1-237-709-11	(XR-6387) ...RES, VAR, CARBON (WITH S301) 100K×7 (POWER ON/OFF, VOLUME, TREBLE, BASS, BALANCE)
RV321	1-237-710-11	(XR-6387) ...RES, VAR, CARBON (WITH S321) 100K×2 (TUNING, SEEK, MEMORY,FADER)

• Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

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